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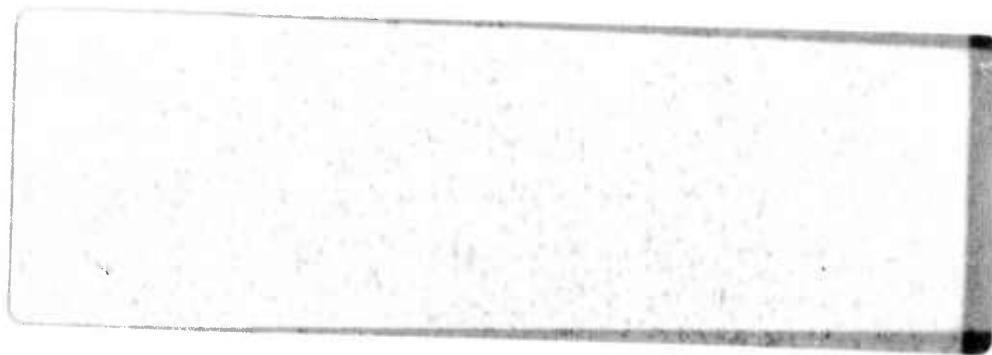
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Technical Report

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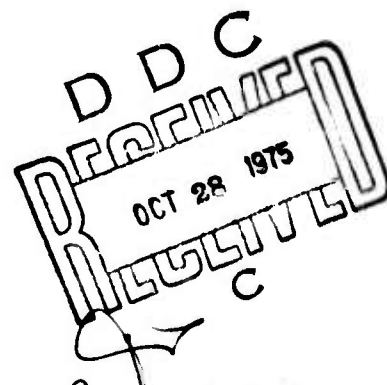
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B-1 SYSTEMS APPROACH TO TRAINING
TECHNICAL MEMORANDUM SAT-8
CONTROL/DISPLAY CATALOG AND ACTION
VERB THESAURUS

JULY 1975

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) ➤ For the B-1 Systems Approach to Training (SAT), the primary mechanism for the automated data maintenance is the Sorting Program. The data upon which the Sorting Program operates consists of two interacting components, the Task Analysis Data Base and the Control and Display Catalog. A Thesaurus of Action Verbs functions as a user interface with the Task Analysis Data. This technical memorandum consists of four computer-generated reports, the first three of which represent the essential information in the Control and (Continued on Reverse Side)		

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Block 20. (Continued from Reverse Side.)

→ Display Catalog. The fourth report is a listing of the Action Verb Thesaurus. These reports are current as of the date of this document. Revised lists can be reported at any time by the users of the Sorting Program. ↗

PREFACE

This document is one of several technical memoranda which have been delivered to the B-1 Systems Project Office (B-1 SPO) in performance of the Systems Approach to Training (SAT) Task under Contract Number F33657-75-C-0021. Each of the separate SAT documents is listed below. Additional copies may be requested from: B-1 Systems Project Office, Data Configuration Division, Wright-Patterson Air Force Base, Ohio.

<u>Technical Memoranda</u>	<u>Number</u>	<u>Author(s)</u>	<u>Date</u>
B-1 Systems Approach to Training, Final Report.	SAT- 1 Vol. 1	R. Sugarman S. Johnson W. Ring	July 1975
B-1 Systems Approach to Training, Final Report. Appendix A: Cost Details.	SAT- 1 Vol. 2	H. Reif W. Ring	July 1975
B-1 Systems Approach to Training, Final Report. Appendix B: Bibliography and Data Collection Trips.	SAT- 1 Vol. 3	A. Blair	July 1975
Behavioral Objectives for the Pilot, Copilot, and Offensive Systems Operator.	SAT- 2 Vol. 1 & 2	J. Mitchell W. Hinton S. Johnson	July 1975
Simulation Technology Assessment Report (STAR).	SAT- 3	S. Johnson J. Knight R. Sugarman	July 1975
Sorting Model for B-1 Aircrew Training Data. User's and Programmer's Guide.	SAT- 4	J. Menig T. Ranney	July 1975
Training Resources Analytic Model (TRAM). User's Manual.	SAT- 5	W. Ring G. Gaidasz J. Menig W. Stortz	July 1975
Training Resources Analytic Model (TRAM). Programmer's Manual.	SAT- 6	W. Ring G. Gaidasz J. Menig	July 1975
Task Analysis Listings.	SAT- 7	J. Mitchell T. Ranney	July 1975
Control/Display Catalog and Action Verb Thesaurus.	SAT- 8	T. Ranney A. Blair	July 1975

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SAT-8

Control and Display Catalog
and Action Verb Thesaurus

Thomas A. Ranney
Anndrea J. Blair

SUMMARY

For the B-1 Systems Approach to Training (SAT), the primary mechanism for automated data maintenance is the Sorting Program. The data upon which the Sorting Program operates consists of two interacting components, the Task Analysis Data Base and the Control and Display Catalog. A Thesaurus of Action Verbs functions as a user interface with the Task Analysis Data. This technical memorandum consists of four computer-generated reports, the first three of which represent the essential information in the Control and Display Catalog. The fourth report is a listing of the Action Verb Thesaurus. These reports are current as of the date of this document. Revised lists can be reported at any time by the users of the Sorting Program.

JULY 1975
SAT-8

TABLE OF CONTENTS

	<u>PAGE</u>
Background	1
Technical Discussion	3
Code/Name/Synonym/Panel Listings (Report 1).....	6
Name/Code/Synonym/Panel Listings (Report 2).....	7
Code/Name/Comments List (Report 3).....	8
Action Verb Thesaurus (Report 4).....	9

JULY 1975
SAT-8

Background

The initial source of information for Calspan's B-1 SAT was a task analysis which was encoded to become the Task Analysis Data Base. In addition to the task analysis, Calspan was provided with functional descriptions of the B-1 Controls and Displays. These descriptions, when encoded, became the Control and Display Catalog. The Task Analysis Data Base and the Control and Display Catalog are the primary data components of the Sorting Program. The interaction of these two data bases provides for verification and automated manipulation of the data.

The form of the Task Analysis data is such that verification with the Control and Display Catalog ensures the reliability of the data. Task elements, the unit used for encoding, are of the form that in a certain initial situation (Initiation Cue), an operator (crewmember) performs a simple action (acts upon a control or display) until a final situation (Completion Cue) exists. Since the Initiation and Completion Cues ordinarily involve a configuration of controls and displays, it was decided to utilize the Control and Display Catalog to determine the appropriateness of the configuration for purposes of the task. This process of verification places the Control and Display Catalog in the position of being an important interacting counterpart to the Task Analysis Data Base.

The encoding of Control and Display information consisted of the design of an encoding format and subsequent encoding of the information. The first step in the design of a format involved dividing the information into a set of general categories. The categories currently include:

NAME
CODE
LOCATION
TYPE
RANGE OF VALUES
SYNONYMS
FUNCTION OF
CORRECTIVE ACTION

These categories were selected to fully characterize the controls and displays for the purpose of interaction with the Task Element data base, through the Sorting Program. This interaction involves finding all the instances in the task element data base where the information in a particular category is the same. For example, for training purposes it might be useful to find all the situations which utilize the same type of control or display, so that they can be taught together. Including Type as a category makes this search possible. Details for the encoding, including field requirements for variables, are outlined in Technical Memorandum SAT-4.

JULY 1975
SAT-8

As specified above, task elements involve a simple action performed by a crewmember. Specification of these simple actions involves action verbs. The Action Verb Thesaurus verifies each action verb, changing alternate representations to a standard form. This transformation ensures uniformity in the actions specified; that is, the user is able to restrict the actions to a specifiable set. The purpose of this specification is to avoid ambiguities, such as words with several interpretations.

JULY 1975
SAT-8

Technical Discussion

This section describes the formats of the four reports presented in this memorandum.

Each of the three Control and Display Catalog reports presents a subset of the categories of information for each control or display. The first two reports are identical in informational content, but differ in terms of access of the information. Both reports present four categories of information for each control or display: CODE, NAME, SYNONYMS, PANEL. The first report presents this information alphabetically by codes, while the second report presents the same information alphabetically by names. The layout of each report is such that each category of information is presented in a column, so that in the first two reports there are four columns. Consequently, all information about a particular control or display is presented across one line. The leftmost column organizes the report.

The codes presented in the reports are modifications of those utilized in the document provided by the B-1 SPO (TFD 73-1618, Alpha-Numeric Identification of B-1 Flight Station Displays and Controls). In that document, codes are of the form AB-C.D.E.F.G, where A is a letter identifying the major subsystem, and B through G are sets of one or two digits. Since code length is variable, the number of digit sets (B-G) utilized varies. For purposes of data processing, the field delimiters were removed, the fields (B through G) were fixed at a length of two, and leading zeroes within a field of one digit were inserted. The fields are filled from left to right and trailing zeroes are not used. As an example, the code F1-1.10.2 would be translated as F01011002. It is this translation that appears in the reports presented herein.

The NAME is the formal identifier associated with the control or display. SYNONYMS are alternate identifiers for the controls or displays. The PANEL is an abbreviation for the panel on which the control or display is located.

The first two reports permit access to the four attributes of controls and displays through two routes: the NAME and the CODE.

The third report presents, alphabetized by codes, the CODES, NAMES, and lists of classified comments associated with the control or display which are relevant to any of seven classifications. The classifications for comments are:

CORRECTIVE ACTION
FUNCTION
LOCATION
NAME
SYN
TYPE
VALUES

JULY 1975
SAT-8

CORRECTIVE ACTION applies to displays which are attention-getting devices, referring to the action which is appropriate when the device is activated. The FUNCTION is a statement of the use of the control or display. The FUNCTION statement is the primary statement of function of the control or display. Comments relevant to LOCATION, NAME, SYNONYMS, TYPE and VALUES are usually peculiarities about the control or display; that is, additional information relevant to the appropriate category. Figure 1 is a sample from the third report, representing the information in the above-mentioned categories for a single display, A010104, the Ramp Control-Display 4. Reference to Figure 1 indicates that there are nine classified comments associated with A010104. The numbers on the same line as code and name indicate the classifications of the comments. From the column headings, it is apparent that comments 1 to 5 concern function; comments 6 to 9 deal with the type of control or display; and that comments 1 to 8 concern values.

The fourth report is a two-column listing of the Action Verb Thesaurus. The column headed with VERB has allowable action verbs. The second column, entitled Standard Form, contains the verb to which the entry in the first column is changed during computer verification. Allowable action verbs can include jargon, abbreviations, and even common misspellings.

PAGE 1
CODE

NAME

AC101J4 RAMP CONTRL-DISPLAY

*CURR-ACTION

*FUNCTION

*LOCATION

*NAME

*SYN

*TYPE

*VALUES

1

2

3

4

5

6

7

8

9

12345

UNDER NORMAL CONDITIONS, EACH RAMP DISPLAY INDICATION WILL AGREE

APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR

IF IT DOES NOT AGREE, THE PILOT MUST MANUALLY POSITION COMMAND

INDICATOR TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDI-
CATOR KNOB

FLIGHT WINDOW AT BOTTOM OF DISPLAY WILL INDICATE "OFF" WHENEVER THE
ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL

UNIT FAILURE HAS OCCURRED

SOLIDID FLAG-GAUGE CALIBRATED IN MACH NUMBER

6709 12345670

Figure 1. Sample Entry From Report Three

REPORT 1

Code/Name/Synonym/Panel Listings

PAGE 1
CODE

NAME

SYNONYMS

PANEL

AC1	AICS PANEL	AICS	COP
A01010X	RAMP CONTROL-DISPLAY	RAMP DISPLAY	COP
A01010X03	MANUAL SET KNOBS-RAMP DISPLAYS		
A010101	RAMP CONTROL-DISPLAY 1	RAMP DISPLAY	COP
A010102	RAMP CONTROL-DISPLAY 2	RAMP DISPLAY	COP
A010103	RAMP CONTROL-DISPLAY 3	RAMP DISPLAY	COP
A010104	RAMP CONTROL-DISPLAY 4	RAMP DISPLAY	COP
A01020X	THROAT CONTROL-DISPLAY	THROAT DISPLAY	COP
A01020X03	MANUAL SET KNOBS-THROAT DISPLAYS		YS
A010201	THROAT CONTROL-DISPLAY 1	THROAT DISPLAY	COP
A010202	THROAT CONTROL-DISPLAY 2	THROAT DISPLAY	COP
A010203	THROAT CONTROL-DISPLAY 3	THROAT DISPLAY	COP
A010204	THROAT CONTROL-DISPLAY 4	THROAT DISPLAY	COP
A01030X	BYPASS CONTROL-DISPLAY	BYPASS DISPLAY	COP
A01030X0101	BYPASS CRIT LEGEND LIGHT	CRIT LIGHT	COP
A01030X0102	BYPASS BUZZ LEGEND LIGHT	BUZZ LIGHT	COP
A01030X04	MANUAL SET KNOB-BYPASS	PULL-MAN KNOB	COP
A010301	BYPASS CONTROL-DISPLAY 1	BYPASS DISPLAY	COP
A0103010101	#1 BYPASS CRIT LEGEND LIGHT	CRIT LIGHT	COP
A0103010102	#1 BYPASS BUZZ LEGEND LIGHT	BUZZ LIGHT	COP
A01030104	MANUAL SET KNOB-#1 BYPASS	PULL-MAN KNOB	COP
A010302	BYPASS CONTROL-DISPLAY 2	BYPASS DISPLAY	COP
A0103020101	#2 BYPASS CRIT LEGEND LIGHT	CRIT LIGHT	COP
A0103020102	#2 BYPASS BUZZ LEGEND LIGHT	BUZZ LIGHT	COP
A01030204	MANUAL SET KNOB-#2 BYPASS	PULL-MAN KNOB	COP
A010303	BYPASS CONTROL-DISPLAY 3	BYPASS DISPLAY	COP
A0103030101	#3 BYPASS CRIT LEGEND LIGHT	CRIT LIGHT	COP
A0103030102	#3 BYPASS BUZZ LEGEND LIGHT	BUZZ LIGHT	COP
A01030304	MANUAL SET KNOB-#3 BYPASS	PULL-MAN KNOB	COP
A010304	BYPASS CONTROL-DISPLAY 4	BYPASS DISPLAY	COP
A0103040101	#4 BYPASS CRIT LEGEND LIGHT	CRIT LIGHT	COP
A0103040102	#4 BYPASS BUZZ LEGEND LIGHT	BUZZ LIGHT	COP
A01030404	MANUAL SET KNOB-#4 BYPASS	PULL-MAN KNOB	COP
A0104	AICS CAUTION LIGHT		CEN
A01040X	AICS NORM CAUTION LIGHT		CEN
A010401	1 AICS NORM CAUTION LIGHT		CEN
A010402	2 AICS NORM CAUTION LIGHT		CEN
A010403	3 AICS NORM CAUTION LIGHT		CEN
A010404	4 AICS NORM CAUTION LIGHT		CEN
A010405	INLET LIP CAUTION LIGHT 1		CEN
A02	AICS CONTROL PANEL		OHD
AC2010X	AICS CONTROL SWITCH		OHD
AG20101	AICS CONTROL SWITCH 1		OHD
A020102	AICS CONTROL SWITCH 2		OHD
A020103	AICS CONTROL SWITCH 3		OHD
A020104	AICS CONTROL SWITCH 4		OHD
B01	CITS CONTROL, DISPLAY PANEL	CITS	
B010101	CITS FAULT ISLN SWITCH		
B010102	CITS KEYBOARD		
B010103	SUBSYSTEM SELECT MATRIX SW		
B010104	START-STOP TEST SWITCH		
B010105	'DIS MODE' SWITCH		
B010106	RCD INIT-DIS TEST SWITCH		
B010107	DISPLAY RESET-RECALL SWITCH		
B010108	CITS READOUT		

PAGE 2
CODE

NAME

SYNONYMS

PANEL

BC10109	LEGEND INDICATOR		
B01010901	TEST IN PROGRESS INDICATOR		
B01010902	TEST COMPLETE INDICATOR		
B01010903	TEST INVALID INDICATOR		
B01010904	CITS FAILURE INDICATOR		
BC201	DSO CITS ADVISORY LIGHT		
BC202	DSO CITS ADVISORY LIGHT		
B03	CITS GROUND ENABLE PANEL		
C0101	LIGHTING CONTROL PANEL		
C010101	ANTI-COLLISION CONTROL SWITCH	ANTI CLSN SWITCH	OHD
C01010201	POSITION LIGHT SWITCH		OHD
C01010202	POSITION LIGHT MODE SWITCH		OHD
C010103	ANNUNCIATOR TEST SWITCH		OHD
C010104	ANNUNCIATOR BRIGHT DIM MODE SW	BRIGHT DIM MODE SW	OHD
C010105	MAIN INST & OHD FLOOD CONTROL	INST&OHD SW (FLOOD)	OHD
C010106	PED & SIDE CNSL FLOOD CONTROL		OHD
C010107	STANDBY COMPASS LIGHT CONTROL		OHD
C010108	AOA DISPLAY LIGHT CONTROL	AOA DISPLAY LIGHT SW	OHD
C010109	PILOTS AFCS & INDEXER CONTROL		OHD
C010110XX	OHD, PED INTEGRAL LIGHT CONTROL	OVRD INTEGRAL LIGHT PED INTEGRAL LIGHT	OHD
C01011001	OVRD INTEGRAL LIGHT CONTROL	OVRD INTEGRAL LIGHT PED INTEGRAL LIGHT	OHD
C01011002	PED INTEGRAL LIGHT CONTROL	OVRD INTEGRAL LIGHT PED INTEGRAL LIGHT	OHD
C010111	COPILOT AFCS-INDEXER CONTROL		OHD
C0101120X	PILOT INTEGRAL LIGHT SW	ALPHA IND-PRIMARY FL L CSL INTEGRAL LT SW T	OHD
C01011201	PIL L CSL INTEGRAL LIGHT SW	ALPHA IND-PRIMARY FL L CSL INTEGRAL LT SW T	OHD
C01011202	PIL IND & PRIM FLT INSTR SW	ALPHA IND-PRIMARY FL L CSL INTEGRAL LT SW T	OHD
C010113	CN INST PNL INT LIGHT SW		OHD
C0101140X	COP INTEGRAL LIGHTING SWITCH	ALPHA IND, PRIM FLT R CSL INTEGRAL SW SW	OHD
C01011401	COP R CSL INTEGRAL LT SW	ALPHA IND, PRIM FLT R CSL INTEGRAL SW SW	OHD
C01011402	COP ALPHA & PRIM FLT INST LT S	ALPHA IND, PRIM FLT R CSL INTEGRAL SW SW	OHD
C010115	AISLE LIGHTING CONTROL		OHD
C0102	EMERGENCY LIGHTING	EMERG LIGHT	
C010201	FWD EMERGENCY LIGHT		
C01020103	BRT-DIM INTEGRAL SWITCH		
C010202	AFT EMERGENCY LIGHT		
C0103	UTILITY LIGHTS		
C010301	PILOT UTILITY LIGHT		
C010302	COPILOT UTILITY LIGHT		
C010303	DSO UTILITY LIGHT		
C010304	DSO UTILITY LIGHT		

PAGE 3

CODE

NAME

SYNONYMS

PANEL

C0104	DSO LIGHT CONTROL PANEL
C0105	DSO LIGHT CONTROL PANEL
C0105010X	INTGR-AND CONTROL
C01050101	INTGR-AND CONTROL
C01050102	INTGR-AND CONTROL
C010502	SPOT CONTROL
C010503	FLOOD CONTROL
C01050401	TEST SWITCH
C01050402	INTENSITY SWITCH
C0106	LONGITUDINAL BUNK LIGHT
C0107	TRANSVERSE BUNK LIGHT
C0108	GALLEY LIGHT
C0109	TOILET LIGHT
C0110	CREW ENTRY LIGHT SWITCH
C020X	MASTER AUDIO CUTOFF CONTROL
C0201	MASTER AUDIO CUTOFF CONTROL-P
C0202	MASTER AUDIO CUTOFF CONTROL-CP
C0301	OXYGEN PANEL
C030101	LIQUID OXYGEN QUANTITY METER
C030102	OXYGEN TEST PUSHBUTTON
C0302	EMERGENCY OXYGEN CONTROL
C0303	OXYGEN INDICATOR
C030301	OXYGEN LOW CAUTION LIGHT
C030401	OXYGEN FLOW SHUTOFF TOGGLE VLV
C0304020X	EMERGENCY OXYGEN PRESS GAGE
C03040201	EMERG OXYGEN PRESS-FIXED SCALE
C03040202	EMERG OXYGEN-MOVING SCALE
C0304030X	DILUTER-PRESSURE DEMAND REGS
C03040301	DILUTER-PRESSURE DEMAND-PIL
C03040302	DILUTER-PRESSURE DEMAND-COP
C03040303	DILUTER-PRESSURE DEMAND-DSO
C03040304	DILUTER-PRESSURE DEMAND-OSO
C030404	OXYGEN EXTENSION HOSE
C04010X	WINDSCREEN
C040101	WINDSHIELD - LEFT
C040102	WINDSHIELD - RIGHT
C04020X	SIDE WINDOWS
C040201	SIDE WINDOW - LEFT
C040202	SIDE WINDOW - RIGHT
C04030X	UPPER WINDOWS
C040301	UPPER WINDOW - LEFT
C040302	UPPER WINDOW - RIGHT
C04040X	FLASHBLINDNESS WINDOWS
C040401	FLASHBLINDNESS WINDOW-LEFT
C040402	FLASHBLINDNESS WINDOW-RIGHT
C040403	FLASHBLIND-LF SIDE WINDOW
C040404	FLASHBLIND-RT SIDE WINDOW
C040405	FLASHBLIND-UP LF WINDOW
C040406	FLASHBLIND-UP RT WINDOW
C05	SEATS
C0501	PILOT SEAT
C050101	PILOT ARMREST ADJUST CONTROL

AND
INTGR
AND
INTGR
LT
SPOT
FLOOD
TEST
INT

AISLE LT SW

PCP
PCP

RCN
RCN
RCN
OHD

WINDSHIELD

PAGE 4
CODE

NAME

SYNONYMS

PANEL

C050102	PILOT VERTICAL ADJUST SWITCH		
C050103	PILOT FORE-AFT ADJUST CONTROL		
C050104	PILOT TILT ADJUST CONTROL		
C050201	COPILOT SEAT		
C050202	COPILOT ARMREST ADJUST CONTROL		
C050203	COPILOT VERTICAL ADJUST SW		
C050204	COPILOT FORE-AFT ADJUST CONT		
C0503	COPILOT TILT ADJUST CONTROL		
C050301	PSO SEAT		
C050302	DSO ARMREST ADJUST CONTROL		
C050303	DSO VERTICAL ADJUST SWITCH		
C050304	DSO FORE-AFT ADJUST CONTROL		
C060X	DSO TILT ADJUST CONTROL		
C0601	RESTRAINT ASSY		
C0602	RESTRAINT ASSY-PILOT		
C070101	RESTRAINT ASSY-COPILOT		
C080202	OPEN-CLOSE DOOR HANDLE		
C080302	ENTRY LADDER CONTROL LEVER-ENT		
C080401	ENTRY LADDER CONTROL SWITCH		
C120902	LADDER-MANUAL CRANK (ENTRYWAY)		
D01010X	SECURE STORAGE CONTAINER	CMF CONTAINER	
	EJECTION CONTROLS, FORWARD STA	EJECTION HANDLE-CC	LRCN
		EJECTION HANDLE-PI	
D010101	PILOT EJECTION CONTROL	EJECTION HANDLE-CC	
		EJECTION HANDLE-PI	
D010102	COPILOT EJECTION CONTROL	EJECTION HANDLE-CC	
		EJECTION HANDLE-PI	
D010103	DSO EJECTION CONTROL	EJECTION HANDLE-DSO	
		EJECTION HANDLE-OSO	
D010104	DSO EJECTION CONTROL	EJECTION HANDLE-DSO	
		EJECTION HANDLE-OSO	
D01020X	EJECTION CONTROLS-AFT STATION	EJECTION HANDLE-DSO	
		EJECTION HANDLE-OSO	
D0201	FLT STA CHUTE DEPLOYMENT	CHUTE DEPLOY-FLT	CHD
D0202	AFT STA CHUTE DEPLOYMENT	CHUTE DEPLOY-AFT	
D0301	FLT STA RISER CUTTER CONTROL	RISER CUTTER-FLT	CHD
D0302	AFT STA RISER CUTTER CONTROL	RISER CUTTER-AFT	
D04	CREW MODULE SEVERANCE CONTROL	SEVERANCE	CHD
D05	UPRIGHTING SYSTEM CONTROL	UP RIGHTING	CHD
D06	FLOTATION SYSTEM CONTROL	FLOTATION	CHD
D07010X	EMERGENCY EGRESS CONTROLS	LEFT WINDOW RELEASE	CHD
		RIGHT WINDOW RELEASE	
D070101	LEFT WINDOW REL CONT	LEFT WINDOW RELEASE	CHD
		RIGHT WINDOW RELEASE	
D070102	RIGHT WINDOW REL CONT	LEFT WINDOW RELEASE	CHD
		RIGHT WINDOW RELEASE	
D070103	EMERGENCY EXIT HANDLE-AFT STA		
D08010X	PREPARE TO EJECT	PREPARE TO EJECT	PCP
D080101	PREPARE TO EJECT-PILOT	PREPARE TO EJECT	PCP
D080102	PREPARE TO EJECT-COPILOT	PREPARE TO EJECT	PCP
D080103	PREPARE TO EJECT-OSO	D080104	
		PREPARE TO EJECT-D	
		PREPARE TO EJECT-U	
D080104	PREPARE TO EJECT - DSO		
D100101	MANUV RKT CAUTION LIGHT-FLTSTA		CEN

PAGE 5 CODE	NAME	SYNONYMS	PANEL
D10010101 D100102	MANUV RKT CAUTION LIGHT AFT STA IMPACT ATTENUATION LT-FLT STA	IMPACT ATTEN LT-FLT IMPACT ATTEN-FLT	CEN
D1001001	IMPACT ATTENUATION LT-AFT STA	IMPACT ATTEN LT-AFT IMPACT ATTEN-AFT	
D100103 D10010301 D100104 D10010401	FLOAT-UPRT CAUTION LT-FLT STA FLOAT-UPRT CAUTION LT-AFT STA AUTO CHUTE CAUTION LT-FLT STA AUTO CHUTE CAUTION LT-AFT STA	FLOAT/UPRIGHT LT-FLT FLUAT/UPRIGHT LT-AFT	CEN
E E010101 E010102	AVIONICS TV POD CONTROL IR POD CONTROL	AVIONICS SYSTEMS IR CONT SEL SW IR CONT SELECT SW	CEN
E010103 E010104 E010201 E010202 E0104 E010401 E010402 E010403 E010404 E010405 E010406 E010407 E0105 E01050101 E01050102 E01050103 E01050104 E01050105 E01050205 E0106 E010601 E010602 E010603 E0107 E010701 E010702 E010703 E010704 E0201 E020101 E02010101 E020102 E020103 E020104 E020105 E020106 E0202 E0202010X	PILOT STEER CONTROL COPILOT STEER CONTROL PILOT EVS FOV SWITCH COPILOT EVS FOV SWITCH FLIR CONTROL PANEL FLIR STATUS INDICATOR TEST INDICATOR-FLIR OVHT-OVRD LAMP TEST SWITCH-FLIR MODE SELECT SWITCH-FLIR BIAS SWITCH CONTRAST CONTROL-FLIR EVS STEERING CONTROL PANEL FLIR STEER FLIR PILOT-COPILOT CMD NARROW FIELD-OF-VIEW INDICATOR FLIR WASH ALTER SYNC SWITCH LAMP TEST SWITCH-EVS EVS VIDEO SELECT PANEL BNS HDG SWITCH SYMBOLS SWITCH VIDEO SELECT SWITCH MULTIFUNCTION DISPLAY UNIT CONTRAST CONTROL-MFD BRIGHTNESS CONTROL OVERHEAT MULTIFUNCTION DISPLAY TF INDICATOR PANEL TF INDICATOR SCREEN UPPER POLAROID FILTER CONTROL CURSOR CONTROL MEMORY CONTROL CONTRAST CONTROL-TF VIDEO CONTROL-TF RANGE SWITCH-TF RADAR SET CONTROL-TFR FAIL INDICATORS	STATUS TEST-FLIR LAMP TEST MODE SELECT-FLIR BIAS CONTRAST-FLIR EVS STEERING CONTROL FLIR-CMD FLIR NFUV EVS VIDEO SELECT MFD C B IP-1012-APQ-134A RADAR INDICATOR RADAR SCOPE CURSOR MEMORY CONTRAST VIDEO-TF RANGE SW C7510-APQ-128 TFR CONTROL PANEL LEFT FAIL LIGHT RIGHT FAIL LIGHT	

PAGE 5
CODE

CODE	NAME	SYNONYMS	PANEL
E02020101	FAIL INDICATOR-LEFT	LEFT FAIL LIGHT	CEN
E02020102	FAIL INDICATOR-RIGHT	RIGHT FAIL LIGHT	CEN
E0202020X	MODE SWITCH-TFR	LEFT FAIL LIGHT RIGHT FAIL LIGHT LEFT MODE SEL SW MODE-TFR	CEN
E02020201	TFR MODE SWITCH-LEFT	RIGHT MODE SEL SW LEFT MODE SEL SW MODE-TFR	CEN
E02020202	TFR MODE SWITCH-RIGHT	RIGHT MODE SEL SW LEFT MODE SEL SW MODE-TFR	CEN
E0202030X	VOLUME-RIDE CONTROL	RIGHT MODE SEL SW E020203	CEN
E02020301	VOL ROTARY KNOB	RIDE SELECT SWITCH VOL ROTARY KNOB E020203	CEN
E02020302	RIDE SELECT SWITCH	RIDE SELECT SWITCH VOL ROTARY KNOB E020203	CEN
E020204	CLEARANCE SELECT SWITCH	RIDE SELECT SWITCH VOL ROTARY KNOB	CEN
E020205	TILT CONTROL	CL SEL SW TILT TILT SEL SW	CEN
E020301	TFR TURN G-LIMIT CAUTION LT		CEN
E020302	TFR VELOCITY CAUTION LT		CEN
E020303	TFR DRIFT CAUTION LIGHT		CEN
E020304	TFR FLT VECTOR CAUTION LIGHT		CEN
E020305	TER FLW GAIN LOW CAUTION LT		
E02040X	TER FLW WARNING LIGHT	COPILOT TER FLW LT PILOTS TER FLW LT	PCP
E020401	TER FLW WARNING LIGHT-PILOT	COPILOT TER FLW LT PILOTS TER FLW LT	PCP
E020402	TER FLW WARNING LIGHT-COPILOT	COPILOT TER FLW LT PILOTS TER FLW LT	PCP
E02070102	LOWER POLAROID FILTER CONTROL		
E020703	UPDT REJ INDICATOR	UPDT REJ	OSO
E03010X01	FUNCTION SELECTOR SWITCH		
E03010X02	FREQUENCY SELECT SWITCH		
E03010X0301	PRESET CHANNEL SELECTOR CONT		
E03010X0302	PRESET CHANNEL READOUT	CHAN READOUT	
E03010X04	MANUAL-FREQUENCY SELECTOR	THUMBWHEELS	
E03010X05	MANUAL CHANNEL READOUT	MANUAL	
E03010X06	VOLUME CONTROL	VOL-RADIO	
E03010X07	TONE CONTROL	TONE	
E03010X08	SQUELCH SWITCH	TONE PUSHBUTTON	
E03010X09	PUSH-SET CHANNEL SELECTOR	SQUELCH-DISABLE PUSH	
E030101	PILOT UHF COMM PANEL	SET CHAN PILOT UHF PILOT UHF RADIO PILOTS UHF	
E03010101	FUNCTION SELECT SW-PILOT		
E03010102	FREQUENCY SELECT SW-PILOT		

PAGE 7
CODE

NAME

SYNONYMS

PANEL

E0301010301	PRESET CHANNEL SELECTOR-PILOT		
E0301010302	PRESET CHANNEL READOUT-PILOT	CHAN READOUT	
E03010104	MANUAL-FREQUENCY SELECTOR-PIL	THUMBWHEELS	
E03010105	MANUAL CHANNEL READOUT-PIL	MANUAL	
E03010106	VOLUME CONTROL-PILOT	VOL-RADIO	
E03010107	TONE CONTROL-PILOT	TONE	
		TONE PUSHBUTTON	
E03010108	SQUELCH SWITCH-PILOT	SQUELCH-DISABLE	
E03010109	PUSH-SET CHANNEL SELECTOR-PIL	PUSH	
		SET CHAN	
E030102	COPILOT UHF COMM PANEL	COPILOT UHF	
		COPILOT UHF RADIO	
		CUPILOTS UHF	

E03010201	FUNCTION SELECT SW-COPILOT		
E03010202	FREQUENCY SELECT SW-COPILOT		
E0301020301	PRESET CHANNEL SELECTOR-COP		
E0301020302	PRESET CHANNEL READOUT-COPILOT	CHAN READOUT	
E03010204	MANUAL-FREQUENCY SELECTOR-COP	THUMBWHEELS	
E03010205	MANUAL CHANNEL READOUT-COP	MANUAL	
E03010206	VOLUME CONTROL-COPILOT	VOL-RADIO	
E03010207	TONE CONTROL-COPILOT	TONE	
		TONE PUSHBUTTON	
E03010208	SQUELCH SWITCH-COPILOT	SQUELCH-DISABLE	
E03010209	PUSH-SET CHANNEL SELECTOR-COP	PUSH	
		SET CHAN	

E0302	SECURE VOICE CONTROL PANEL	C-7990-ARC	LCN
		CIPHONY	
		SECURE VOICE CNTRL	
		CIPHONY SWITCH	LCN

E030201	POWER SWITCH-SECURE VOICE		LCN
E030202	FUNCTION SELECT SWITCH		LCN
E0302020102	C RAD 1 LIGHT		LCN
E0302020202	PLAIN LIGHT		LCN
E0302020302	C RAD 2 LIGHT		LCN
E030203	DELAY SWITCH	DELAY	LCN
E030204	ZEROIZE SWITCH		LCN
E0303	RADIO SET CONTROL PANEL	HF RADIO SET CONTROL	RCN
E030301	RADIO MODE SELECT SWITCH	FSK	RCN
E030302	SQUELCH CONTROL	SQUELCH	RCN
E030303	FREQUENCY INDICATOR-SELECTOR	HF CONTROL KNOBS	RCN
		HF 6-DIGIT READOUT	

E0303030X02	FREQUENCY INDICATOR-SELECTOR		
E030304	VOLUME CONTROL-RADIO	VOLUME	RCN
E030305	NOISE BLANK CONTROL	NOISE BLANK	RCN
E030306	RF GAIN CONTROL	RF GAIN	RCN
E030401	IFF SYSTEM CONTROL	C7483-APX-64(V)	CPD
		IFF	

E03040101	MODE 4 CODE SELECT SWITCH	CODE	CPD
E03040102	REPLY INDICATOR	REPLY	CPD
E03040103	TEST INDICATOR	TEST-IFF	CPD
E03040104	MASTER CONTROL SELECT SWITCH	MASTER	CPD
E03040105	RAD TEST SWITCH	RAD TEST-MON	CPD
E03040106	IDENTIFICATION OF POSITION	IDENT-MIC	CPD
E0304010701	MODE M1 SELECT-TEST SWITCH	MODE M1 TEST SWITCH	CPD
		MODE 1	
E0304010702	MODE M2 SELECT-TEST SWITCH	MODE M2 TEST SWITCH	CPD

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PAGE 8
CODE

NAME

SYNONYMS

PANEL

E0304010703	MODE M-3-A SELECT-TEST SWITCH	M-3-A TEST SWITCH	CPD
E0304010704	MODE M-C SELECT-TEST SWITCH	MODE M-C TEST SWITCH	CPD
E0304010801	MODE 1 CODE SELECT THUMBWHEELS	MODE 1 THUMBWHEELS	CPD
E0304010802	MODE 3-A CODE SELECT THUMBWHEELS	MODE 3-A THUMBWHEELS	CPD
E03040109	MODE 4 SWITCH		CPD
E03040110	MODE 4 MONITOR SWITCH	AUDIO-OUT-LIGHT	CPD
E030402	MODE 4 IFF CAUTION LIGHT		CEN
E03050X	RADAR SET CONTROL-X-BAND	C-7788-APX-78 X-BAND TRANSPONDER X-BAND XPNDR CONTROL	RCN
E03050X01	POWER SELECT SWITCH	POWER	RCN
E03050X02	ENCODE SWITCH	ENCODE	RCN
E03050X03	DECODE SWITCH	DECODE	RCN
E030501	RADAR SET CONTROL-PNL 1	C-7788-APX-78 X-BAND TRANSPONDER X-BAND XPNDR CONTROL	RCN
E03050101	POWER SELECT SWITCH-1	POWER	RCN
E03050102	ENCODE SWITCH-1	ENCODE	RCN
E03050103	DECODE SWITCH-1	DECODE	RCN
E030502	RADAR SET CONTROL-PNL 2	C-7788-APX-78 X-BAND TRANSPONDER X-BAND XPNDR CONTROL	RCN
E03050201	POWER SELECT SWITCH-2	POWER	RCN
E03050202	ENCODE SWITCH-2	ENCODE	RCN
E03050203	DECODE SWITCH-2	DECODE	RCN
E030601	ILS SET CONTROL PANEL	ARN-108 ILS SET CONTROL PNL	CPD
E03060101	POWER SWITCH-ILS	POWER SWITCH-ILS	CPD
E03060102	VOLUME SWITCH	VOL-ILS	CPD
E030601030X	FREQUENCY SELECT KNOBS	LEFT SELECT KNOB RIGHT SELECT KNOB	CPD
E0306010301	FREQUENCY SELECT KNOB-LF	LEFT SELECT KNOB RIGHT SELECT KNOB	CPD
E0306010302	FREQUENCY SELECT KNOB-RT	LEFT SELECT KNOB RIGHT SELECT KNOB	CPD
E03060104	ILS READOUT WINDOW	ILS ILS 5-DIGIT READOUT	CPD
E0306020X01	OUTER MARKER LIGHT	OUTER MKR LIGHT	
E0306020X03	INNER MARKER LIGHT	INNER MKR LIGHT	
E0306020101	OUTER MARKER LIGHT-PILOT	OUTER MKR LIGHT	
E0306020102	MIDDLE MARKER LIGHT-PILOT		
E0306020103	INNER MARKER LIGHT-PILOT	INNER MKR LIGHT	
E0306020201	OUTER MARKER LIGHT-COPILOT	OUTER MKR LIGHT	
E0306020202	MIDDLE MARKER LIGHT-COPILOT		
E0306020203	INNER MARKER LIGHT-COPILOT	INNER MKR LIGHT	
E0306030X01	LOC LIGHT	LOC LEGEND LIGHT	PCP
E0306030X02	GLIDE SLOPE LIGHT		PCP
E0306030101	LOC LIGHT-PILOT	LOC LEGEND LIGHT	PCP
E0306030102	GLIDE SLOPE LIGHT-PILOT		PCP
E0306030201	LOC LIGHT-COPILOT	LOC LEGEND LIGHT	PCP
E0306030202	GLIDE SLOPE LIGHT-COPILOT		PCP
E0307	TACTICAL AIR NAVIGATION SYSTEM	C-9054-ARN-84(V) TACAN CONTROL TACAN CONTROL PANEL	CPD
E030701	CHANNEL SELECTOR-TACAN	CHAN.	CPD

PAGE 9
CODE

NAME

SYNONYMS

PANEL

E03070101	CHANNEL SEL-OUTER WHEEL-TACAN		CPD
E03070102	CHANNEL SEL-KNOB TACAN		CPD
E030702	MODE SELECTOR SWITCH-TACAN		CPD
E030703	VOLUME CONTROL-TACAN		CPD
E03070401	NORMAL-INVERSE SWITCH	NORMAL-INCREASE SW.	CPD
E03070402	X-Y SWITCH		CPD
E030705	BIT PUSHBUTTON	BIT BUILT-IN-TEST	CPD
E03070501	GO LIGHT		CPD
E03070502	NO-GO LIGHT		CPD
E0308	MTC CONTROL PANEL	MTC	OHD
E030801	IFF ANTENNA CONTROL SWITCH		OHD
E03080201	UHF 1 ANTENNA CONTROL SWITCH		OHD
E03080202	UHF 2 ANTENNA CONTROL SWITCH		OHD
E030803	TACAN ANTENNA CONTROL SWITCH		OHD
E030804	IFF COMPUTER SELECT SWITCH		OHD
E030805	UHF POWER SUPPLY SELECT SWITCH		OHD
E0309	INTERCOM	AIC-27 COMMUNICATIONS ICS	
E03090X	ICS PANELS		
E03090X01	INTERCOMS		
E03090X010101	ICS CONTROL SWITCHES		
E03090X010102	ICS TRANS MODE LIGHTS		
E03090X0113	TEST SWITCHES-ICS		PCP
E03090X02	PUSH-TO-TALK SWITCH		PCP
E030901	ICS PANEL-PILOT		
E03090101	PILOTS ICS PANEL	ICS-P PILOT ICS	LCN
E030901010101	ICS CONTROL SWITCH-PILOT		LCN
E030901010102	ICS TRANS MODE LIGHT-PILOT		LCN
E030901010201	UHF 1 CONTROL SWITCH-PILOT		LCN
E030901010202	UHF 1 TRANS MODE LIGHT-PILOT		LCN
E030901010301	UHF 2 CONTROL SWITCH-PILOT		LCN
E030901010302	UHF 2 TRANSFER MODE LIGHT-PIL		LCN
E0309010104	PILOTS HF	PILOT HF	
E030901010401	HF CONTROL SWITCH-PILOT		LCN
E030901010402	HF TRANS MODE LIGHT-PILOT		LCN
E030901010501	TACAN CONTROL SWITCH-PILOT		LCN
E030901010502	TACAN TRANSFER MODE LIGHT-PIL		LCN
E030901010601	LOC CONTROL SWITCH-PILOT		LCN
E030901010602	LOC TRANSFER MODE LIGHT-PILOT		LCN
E030901010701	MKR BCN CONTROL SWITCH-PIL		LCN
E030901010702	MKR BCN TRANS MODE LIGHT-PILOT		LCN
E030901010801	IFF CONTROL SWITCH-PILOT		LCN
E030901010802	IFF TRANS MODE LIGHT-PILOT		LCN
E030901010901	HOT MIKE CONTROL SWITCH-PILOT		LCN
E030901010902	HOT MIKE TRANS MODE LIGHT-PIL		LCN
E030901011001	TFR-TKR CONTROL SWITCH-PILOT		LCN
E030901011002	TFR-TKR INDICATOR LIGHT-PILOT		LCN
E0309010111	VOLUME SWITCHES-ICS-PILOT		
E0309010112	CALL SWITCH-PILOT ICS		LCN
E0309010113	TEST SWITCH-PILOT ICS		LCN
E03090102	PUSH-TO-TALK SWITCH-PILOT		PCP
E030902	ICS PANEL-COPILOT		

PAGE 10
CODE

NAME

SYNONYMS

PANEL

EO3090201	COPILOTS ICS PANEL	ICS-C	RCN
EO30902010101	ICS CONTROL SWITCH-COPILOT		RCN
EO30902010102	ICS TRANS MODE LIGHT-COPILOT		RCN
EO30902010201	UHF 1 CONTROL SWITCH-COPILOT		RCN
EO30902010202	UHF 1 TRANS MODE LIGHT-COPILOT		RCN
EO30902010301	UHF 2 CONTROL SWITCH-COPILOT		RCN
EO30902010302	UHF 2 TRANSFER MODE LIGHT-COP		RCN
EO309020104	COPILOTS HF	COPILOT HF	
EO30902010401	HF CONTROL SWITCH-COPILOT		RCN
EO30902010402	HF TRANS MODE LIGHT-COPILOT		RCN
EO30902010501	TACAN CONTROL SWITCH-COPILOT		RCN
EO30902010502	TACAN TRANSFER MODE LIGHT-COP		RCN
EO30902010601	LOC CONTROL SWITCH-COPILOT		RCN
EO30902010602	LOC TRANSFER MODE LIGHT-COP		RCN
EO30902010701	MKR BCN CONTROL SWITCH-COP		RCN
EO30902010702	MKR BCN TRANS MODE LIGHT-COPILOT		RCN
EO30902010801	IFF CONTROL SWITCH-COPILOT		RCN
EO30902010802	IFF TRANS MODE LIGHT-COPILOT		RCN
EO30902010901	HOT MIKE CONTROL SWITCH-COP		RCN
EO30902010902	HOT MIKE TRANS MODE LIGHT-COP		RCN
EO30902011001	TFR-TKR CONTROL SWITCH-COPILOT		RCN
EO30902011002	TFR-TKR INDICATOR LIGHT-COP		RCN
EO309020111	VOLUME SWITCH-COPILOT ICS		RCN
EO309020112	CALL SWITCH-COPILOT ICS		RCN
EO309020113	TEST SWITCH-COPILOT ICS		RCN
EO3090202	PUSH-TO-TALK SWITCH-COPILOT		PCP
EO3090301	OSO ICS	OSO ICS PANEL	OSO
EO309030101	OSO INTERPHONE SWITCH		
EO309030102	OSO MICROPHONE SWITCH		
EO30903010401	OSO HF	OSOS HF	
EO3090401	OSO ICS PANEL		
EO309040101	OSO INTERPHONE SWITCH		
EO309040102	OSO MICROPHONE SWITCH		
EO30904010401	OSO HF	OSOS HF	
EO310	SEARCH-RESCUE PANEL		
EO31001	ARM-DISARM SWITCH		
EO31002	MAN DEPLOY RCDR-BCN CONTROL		
EO311	UHF SECURE COMPUTER	KK 5025-1	
EO31201	IFF SECURE COMPUTER NO.1	KK 5038-1	
		KK 5039-1	
EO31202	IFF SECURE COMPUTER NO.2	KK 5038-2	
		KK 5039-2	
EO401	NAVIGATION PANEL	NAVIGATION CONT PNL	OSO
EO4010101	PRESENT POSITION WIND DIR	WD DIR	OSO
EO4010102	PRESENT POSITION WIND VELOCITY	WD VEL	OSO
EO4010103	PRESENT POSITION LATITUDE	LAT READOUT	OSO
EO4010104	PRESENT POSITION LONGITUDE		OSO
EO4010105	PRESENT POSITION ALTITUDE SEL	HSL-HR	OSO
EO4010106	PRESENT POSITION ALTITUDE	ALT	OSO
EO4010107	PRESENT POSITION MISSION TIME	MISN T	OSO
EO4010108	GROUND TRACK READOUT	GND TRK	OSO
EO4010109	GROUND SPEED READOUT	GND SPD	OSO
EO4010110	TRUE HEADING READOUT	TH	
EO4010111	DISPLAY SELECT SWITCH	DISPLAY	OSO

PAGE 11
CODE

NAME

SYNONYMS

PANEL

E04010201	LATITUDE READOUT	LAT-SEL PT SELECTED POINT-LAT	OSO
E04010202	LONGITUDE READOUT	LONG-SEL PT SELECTED POINT-LONG	OSO
E04010203	ELEVATION READOUT	ELEV-SEL PT SELECTED POINT-ELEV	OSO
E04010204	TIME READOUT	SELECTED POINT-TIME T-SEL PT	OSO
E04010205	RANGE READOUT	RNG-SEL PT SELECTED POINT-RNG	OSO
E04010206	FORWARD-REVERSE SELECTOR	FWD-REV SELECTOR	OSO
E04010207	SEQUENCE NUMBER IDENTIFIER		OSO
E04010208	SEQUENCE NUMBER	SEQ NO-1	OSO
E04010209	FLY TO SELECTED POINT	FLY TO	OSO
E04010301	NUMBER IDENTIFIER-STEERING		OSO
E04010302	STEERING SEQUENCE NUMBER	SEQ NO-STEERING	OSO
E04010303	STEERING TIME READOUT	TTD-STEERING	OSO
E04010304	STEERING DISTANCE READOUT	DIST DIST-STEERING	OSO
E04010305	STEERING MODE SELECTOR	DIR-TRK MODE-STEERING	OSO
E04010401	ALTITUDE CALIBRATION SWITCH	ACPT-REJ ALT-CALBR-ACPT-REJ	OSO
E04010402	ELEVATION-DELTA ALTITUDE IND	ALT CALBR-ALT-ELV	OSO
E04010403	ALTITUDE-ELEVATION SELECTOR		OSO
E04010501	AUTO-MAN MODE SELECT	AUTO-MAN NAV MODE-MODE	OSO
E04010502	INS-1 MODE SELECT	INS 1	OSO
E04010503	INS-2 MODE SELECT	INS 2	OSO
E04010504	DR NAVIGATION MODE SELECT	DR	OSO
E04010505	LAND-SEA MODE SELECT	SEA-LAND	OSO
E04010506	INS-1 CALCULATION MODE SELECT	DTI-1	OSO
E04010507	INS-2 CALCULATION MODE SELECT	DTI-2	OSO
E04010508	DR CALCULATION MODE SELECT	DOR-ADDR	OSO
E04010601	FORWARD SIGHT CONTROL	FS XHAIR-FS	OSO
E04010602	IDENTIFICATION MODE SELECT	ID X-HAIR-ID	OSO
E04010603	CHECK POINT-1 CONTROL	CP-1-X-HAIR	OSO
E04010604	CHECK POINT-2 CONTROL	CP-2-X-HAIR	OSO
E04010605	DESTINATION X-HAIR CONTROL	DEST	OSO
E04010606	GRAVITY TARGETS X-HAIR CONTROL	TGT	OSO
E04010607	OFFSET AIM POINT-1 CONTROL	GAP-1	OSO
E04010608	OFFSET AIM POINT-2 CONTROL	GAP-2	OSO
E040107	FLIGHT DIRECTOR INDICATOR		OSO
E04010702	TERRAIN FOLLOWING INDICATOR		OSO
E04010703	NAVIGATION INDICATOR		OSO
E04010704	AILA INDICATOR		OSO
E04010705	RNDVS INDICATOR		OSO
E0402	NAVIGATION CORRECTION PANEL	NAV CORR NAV CORRECTION PNL	OSO
E040201	EVS CONTROL SWITCH	EVS-NAV CORR	OSO
E040202	OVERFLY CONTROL SWITCH	OVERFLY-NAV CORR	OSO
E040203	ID RCD CONTROL SWITCH	IR RCD	OSO
E040204	MEMORY POINT CONTROL SWITCH	MEM PT	OSO

PAGE 12
CODE

CODE	NAME	SYNONYMS	PANLL
E040205	ENTER CONTROL	ENTER	OSO
E040206	UPDATE QUALITY SELECTOR	UPDT QUAL	OSO
E04020701	DCO INDICATOR	DCO	OSO
E04020702	IN UPDT INDICATOR	IN UPDT	OSO
E040208	NAV CURR CAUTION LIGHT		
E05	DATA ENTRY UNIT	DEU	OSO
E06	FORWARD-LOOKING RADAR (FLR)		
E0601	INDICATOR-RECORDER	APQ-114 IP-948A	OSO
E06010022	IF GAIN CONTROL	IF GAIN	OSO
E060101	LOCK INDICATOR	LOCK	OSO
E060102	SYSTEM MALFUNCTION INDICATOR	SYS MAL	OSO
E060103	CRT BEZEL	BEZEL	
E060104	PHOTO CONTROL	PHOTO	OSO
E060105	UNUSED FILM INDICATOR		
E060106	PHOTO MALFUNCTION INDICATOR	PHOTO MAL	OSO
E060107	ANTENNA TILT CONTROL	ANT TILT CONTROL	OSO
E060108	XMTR TUNE CONTROL	XMTR TUNE	OSO
E060109	CURSOR RANGE COUNTER	CURSOR RANGE-FT	OSO
E060110	TEST SWITCH-IND-REC	TEST-IND-REC	OSO
E060111	RANGE MARK CONTROL	RANGE MK	OSO
E060112	BEZEL CONTROL	BEZEL BRIGHTNESS	OSO
E060113	RANGE SWITCH-FLR		OSO
E060114	CRT INT CONTROL	CRT INT	OSO
E060115	AMPL-OFF CONTROL	AMPL-OFF	OSO
E060116	SLOPE CONTRON	SLOPE	OSO
E060117	AZIMUTH INT CONTROL	AZIMUTH CURSOR AZIMUTH INT	OSO
E060118	NORTH-NORMAL SELECT	NORTH-NORM	OSO
E060119	RANGE INT CONTROL	RANGE CURSOR RANGE INT	OSO
E060120	ANTENNA TILT INDICATOR	ANT TILT	OSO
E060121	VIDEO CONTROL-FLR	VIDEO-FLR	OSO
E060122	IF GAIN-FLR		
E060123	SWEEP CONTROL	SWEEP	OSO
E060124	BETA CONTROL	BETA	OSO
E060125	PHOTO MAGAZINE DATA PLATE	MAGAZINE	
E06012501	LOW PRESSURE WARNING LAMP		OSO
E06012502	CENTER ADJUST-HORIZONTAL		OSO
E06012503	CENTER ADJUST-VERTICAL		OSO
E06012504	COARSE INTENSITY CONTROL		OSO
E06012505	FOCUS CONTROL		OSO
E060126	CRT DISPLAY SURFACE		OSO
E060127	PHOTO MAGAZINE		OSO
E0602	FLR CONTROL PANEL		OSO
E06020X02	MIDDLE MARKER LIGHT	MIDDLE MKR LIGHT	
E060201	MODE SWITCH-RADAR SET		OSO
E06020102	MIDDLE MARKER LIGHT-PILOT	MIDDLE MKR LIGHT	
E060202	AFC-MFC CONTROL		OSO
E06020202	MIDDLE MARKER LIGHT-COPILOT	MIDDLE MKR LIGHT	
E060203	MODE SWITCH-RADAR SET-2		OSO
E060204	FTC-BCN SWITCH	FTC-BCN	OSO
E060205	SIDE LOBE CANCELLATION CONTROL	SLC	OSO
E060206	ANT CAGE	ANT CAGE	OSO
E060207	CIR-NORM (POLARIZATION) SWITCH		OSO

PAGE 14
CODE

CODE	NAME	SYNONYMS	PANEL
F01010X03	DISPLAY SWITCH		PCP
F01010X04	ATTITUDE SWITCH	ATTD	PCP
F01010X05	SYMBOL BRIGHTNESS CONTROL	SYM BRT	PCP
F01010X06	SENSOR CONTRAST CONTROL	SENSOR CNTRST	PCP
F01010X07	SENSOR BRIGHTNESS CONTROL	SENSOR BRT	PCP
F01010X08	TURN AND SLIP INDICATOR		PCP
F01010X09	MODE SWITCH-VSD		PCP
F01010X10	CRT TUBE DISPLAYS		
F01010X1003	PITCH SCALE		PCP
F01010X1005	ROLL POINTER		PCP
F01010X1006	FLIGHT PATH ANGLE SYMBOL	FLIGHT PATH ANGLE	PCP
F01010X1007	FLIGHT PATH ANGLE RATE		PCP
F01010X1008	HEADING SCALE		PCP
F01010X1009	HEADING READOUT		
F01010X1010	AIRSPED DISPLAY		PCP
F01010X1011	RADAR ALTITUDE DISPLAY	RADAR ALTITUDE	PCP
F01010X1012	STEERING MODE LEGENDS		PCP
F01010X1013	ILS SYMBOL		PCP
F01010X1014	STEERING COMMAND SYMBOL	STEERING COMMAND	PCP
F01010X1015	ANGLE-OF-ATTACK ERROR SYMBOL	AOA ERROR AOA ERROR SYMBOL	PCP
F01010X1016	NAVIGATION SPEED ERROR SYMBOL	NAV SPEED ERROR	PCP
F01010X1017	COMMAND HEADING SYMBOL	COMD HEADING	PCP
F01010X1018	TIME TO GO-RANGE DISPLAY	RANGE TIME TO GO	PCP
F01010X1020	EVS AZIMUTH ANGLE SYMBOL		PCP
F01010X1021	EVS ELEVATION ANGLE SYMBOL		PCP
F01010X1022	VELOCITY VECTOR SYMBOL		PCP
F010101	VSD-PILOT	DU VSD	PCP
F01010101	PITCH TRIM CONTROL-PILOT	PITCH TRIM	PCP
F0101010102	HORIZON LINE-PILOT		
F0101010201	ATTITUDE INDICATOR-PILOT		PCP
F0101010202	VSD INDICATOR-PILOT		PCP
F0101010203	DATA INDICATOR-PILOT		PCP
F0101010204	NARROW FGV INDICATOR-PILOT	NAR FGV	PCP
F01010103	DISPLAY SWITCH-PILOT		PCP
F01010104	ATTITUDE SWITCH-PILOT	ATTD	PCP
F01010105	SYMBOL BRIGHTNESS CONT-PILOT	SYM BRT	PCP
F01010106	SENSOR CONTRAST CONT-PILOT	SENSOR CNTRST	PCP
F01010107	SENSOR BRT CONTROL-PILOT	SENSOR BRT	PCP
F01010108	TURN-SLIP INDICATOR-PILOT		PCP
F01010109	MODE SELECT SWITCH-PILOT		PCP
F01010110	CRT TUBE DISPLAY-PILOT		
F0101011001	FIXED AIRCRAFT SYMBOL-PILOT		
F0101011003	PITCH SCALE-PILOT		PCP
F0101011004	ROLL SCALE-PILOT		PCP
F0101011005	ROLL POINTER-PILOT		PCP
F0101011006	FLIGHT PATH ANGLE SYMBOL-PIL	FLIGHT PATH ANGLE	PCP
F0101011007	FLIGHT PATH ANGLE RATE-PILOT		PCP
F0101011008	HEADING SCALE-PILOT		PCP
F0101011009	HEADING READOUT-PILOT		PCP
F0101011010	AIRSPED DISPLAY-PILOT		PCP
F0101011011	RADAR ALTITUDE DISPLAY-PILOT	RADAR ALTITUDE	PCP
F0101011012	STEERING MODE LEGEND-PILOT		PCP

PAGE 15
CODE

NAME

SYNONYMS

PANEL

F0101011013	ILS SYMBOL-PILOT		PCP
F0101011014	STEERING COMMAND SYMBOL-PIL	STEERING COMMAND	PCP
F0101011015	AOA ERROR SYMBOL-PILOT	AOA ERROR	PCP
		AOA ERROR SYMBOL	
F0101011016	NAV SPEED ERROR SYMBOL-PIL	NAV SPEED ERROR	PCP
F0101011017	COMMAND HEADING SYMBOL-PILOT	COMD HEADING	PCP
F0101011018	TIME TO GO-RANGE DISPLAY-PIL	RANGE	PCP
		TIME TO GO	
F0101011019	SKY TEXTURE-PILOT		PCP
F0101011020	EVS AZIMUTH ANGLE SYMBOL-PIL		PCP
F0101011021	EVS ELEVATION ANGLE SYMBOL-PIL		PCP
F0101011022	VELOCITY VECTOR SYMBOL-PILOT		PCP
F010102	VSD-COPILOT	DU VSD	PCP
F01010201	PITCH TRIM CONTROL-COPILOT	PITCH TRIM	PCP
F0101020201	ATTITUDE INDICATOR-COPILOT		PCP
F0101020202	VSD INDICATOR-COPILOT		PCP
F0101020203	DATA INDICATOR-COPILOT		PCP
F0101020204	NARROW FOV INDICATOR-COPILOT	NAR FOV	PCP
F01010203	DISPLAY SWITCH-COPILOT		PCP
F01010204	ATTITUDE SWITCH-COPILOT	ATTD	PCP
F01010205	SYMBOL BRIGHTNESS CONT-COPILOT	SYM BRT	PCP
F01010206	SENSOR CONTRAST CONT-COPILOT	SENSOR CNTRST	PCP
F01010207	SENSOR BRT CONTROL-COPILOT	SENSOR BRT	PCP
F01010208	TURN-SLIP INDICATOR-COPILOT		PCP
F01010209	MODE SELECT SWITCH-COPILOT		PCP
F01010210	CRT TUBE DISPLAY-COPILOT		PCP
F0101021001	FIXED AIRCRAFT SYMBOL-COPILOT		PCP
F0101021002	HORIZON LINE-COPILOT		PCP
F0101021003	PITCH SCALE-COPILOT		
F0101021004	ROLL SCALE-COP		PCP
F0101021005	ROLL POINTER-COP VSD		CUP
F0101021006	FLIGHT PATH ANGLE SYMBOL-COP	FLIGHT PATH ANGLE	PCP
F0101021007	FLIGHT PATH ANGLE RATE-COPILOT		PCP
F0101021008	HEADING SCALE-COPILOT		PCP
F0101021009	HEADING READOUT-COPILOT		PCP
F0101021010	AIRSPED DISPLAY-COPILOT		PCP
F0101021011	RADAR ALTITUDE DISPLAY-COPILOT	RADAR ALTITUDE	PCP
F0101021012	STEERING MODE LEGEND-COPILOT		PCP
F0101021013	ILS SYMBOL-COPILOT		PCP
F0101021014	STEERING COMMAND SYMBOL-COP	STEERING COMMAND	PCP
F0101021015	AOA ERROR SYMBOL-COPILOT	AOA ERROR	PCP
		AOA ERROR SYMBOL	
F0101021016	NAV SPEED ERROR SYMBOL-COP	NAV SPEED ERROR	PCP
F0101021017	COMMAND HEADING SYMBOL-COPILOT	COMD HEADING	PCP
F0101021018	TIME TO GO-RANGE DISPLAY-COP	RANGE	PCP
		TIME TO GO	
F0101021019	SKY TEXTURE-COPILOT		PCP
F0101021020	EVS AZIMUTH ANGLE SYMBOL-COP		PCP
F0101021021	EVS ELEVATION ANGLE SYMBOL-COP		PCP
F0101021022	VELOCITY VECTOR SYMBOL-COP		COP
F01020X	HORIZONTAL SITUATION INDICATOR	HSI	PCP
F01020X01	DIGITAL DISTANCE READOUT		PCP
F01020X02	NAVIGATION BEARING POINTER		PCP
F01020X03	COMPASS CARD SCALE		PCP

CODE	NAME	SYNONYMS	PANEL
FC1020X04	COURSE POINTER		PCP
FC1020X05	UNMARKED BEARING POINTER		PCP
FC1020X06	HEADING MARKER		PCP
FC1020X07	DIGITAL READOUT-HSI		PCP
FC1020X08	COURSE DEVIATION BAR		PCP
FC1020X09	POWER OFF FLAG-HSI		PCP
FC1020X10	FIXED MARKER		PCP
FC1020X11	ELAPSED TIME INDICATOR		PCP
FC1020X12	COURSE SET KNOB		PCP
FC1020X13	RECIPROCAL NAVIGATION BEARING		PCP
FC1020X16	AIRCRAFT SYMBOL		PCP
FC1020X17	HEADING SET KNOB		PCP
FC1020X18	COURSE DEVIATION DOTS		PCP
FC1020X19	COURSE DEVIATION WARNING FLAG		PCP
FC1020X20	LUBBER LINE		PCP
FC1020X21	TO-FROM ARROWS		PCP
FC1020X22	RANGE WARNING FLAG		PCP
FC10201	HSI-PILOT	HSI	PCP
FC1020101	DIGITAL DISTANCE READOUT-PIL		PCP
FC1020102	NAV BEARING POINTER-PILOT		PCP
FC1020103	COMPASS CARD SCALE-PILOT		PCP
FC1020104	COURSE POINTER-PILOT		PCP
FC1020105	UNMARKED BEARING POINTER-PIL		PCP
FC1020106	HEADING MARKER-PILOT		PCP
FC1020107	DIGITAL READOUT-PILOT		PCP
FC1020108	COURSE DEVIATION BAR-PILOT		PCP
FC1020109	POWER OFF FLAG-PILOT		PCP
FC1020110	FIXED MARKER-PILOT		PCP
FC1020111	ELAPSED TIME INDICATOR-PILOT		PCP
FC1020112	COURSE SET KNOB-PILOT		PCP
FC1020113	RECIPROCAL NAV BEAR POINTERPIL		PCP
FC1020114	REC UNMARKED BEAR POINTER-PIL		PCP
FC1020115	REC COURSE POINTER-PILOT		PCP
FC1020116	AIRCRAFT SYMBOL-PILOT		PCP
FC1020117	HEADING SET KNOB-PILOT		PCP
FC1020118	COURSE DEVIATION DOTS-PILOT		PCP
FC1020119	COURSE DEV WARN FLAG-PILOT		PCP
FC1020120	LUBBER LINE-PILOT		PCP
FC1020121	TO-FROM ARROWS-PILOT		PCP
FC1020122	RANGE WARNING FLAG-PILOT		PCP
FC10202	HSI-COPILOT	HSI	PCP
FC1020201	DIGITAL DISTANCE READOUT-COP		PCP
FC1020202	NAV BEARING POINTER-COPILOT		PCP
FC1020203	COMPASS CARD SCALE-COPILOT		PCP
FC1020204	COURSE POINTER-COPILOT		PCP
FC1020205	UNMARKED BEARING POINTER-COP		PCP
FC1020206	HEADING MARKER-COPILOT		PCP
FC1020207	DIGITAL READOUT-COPILOT		PCP
FC1020208	COURSE DEVIATION BAR-COPILOT		PCP
FC1020209	POWER OFF FLAG-COPILOT		PCP
FC1020210	FIXED MARKER-COPILOT		PCP
FC1020211	ELAPSED TIME INDICATOR-COPILOT		PCP
FC1020212	COURSE SET KNOB-COPILOT		PCP
FC1020213	RECIPROCAL NAV BEAR POINTERCOP		PCP
FC1020214	REC UNMARKED BEAR POINTER-COP		PCP

CODE

NAME

SYNONYMS

PANEL

F01020215	REC COURSE POINTER-COPILOT		PCP
F01020216	AIRCRAFT SYMBOL-COPILOT		PCP
F01020217	HEADING SET KNOB-COPILOT		PCP
F01020218	COURSE DEVIATION DOTS-COPILOT		PCP
F01020219	COURSE DEV WARN FLAG-COPILOT		PCP
F01020220	LUBBER LINE-COPILOT		PCP
F01020221	TO-FROM ARROWS-COPILOT		PCP
F01020222	RANGE WARNING FLAG-COPILOT		PCP
F01030X	AIRSPEED-MACH NUMBER INDICATOR	AMI	PCP
F01030X01	AIRSPEED MOVING SCALE		PCP
F01030X02	AIRSPEED INDICATOR INDEX LINE		PCP
F01030X03	AIRSPEED FAIL-POWER OFF FLAG		PCP
F01030X04	COMMAND AIRSPEED MARKER		PCP
F01030X05	COMMAND AIRSPEED COUNTER		PCP
F01030X06	AIRSPEED COMMAND SLEW SWITCH		PCP
F01030X07	MACH NUMBER MOVING SCALE		PCP
F01030X08	MACH FAIL-POWER OFF FLAG		PCP
F01030X09	MACH INDICATOR INDEX LINE		PCP
F01030X10	COMMAND MACH MARKER		PCP
F01030X11	MAXIMUM SAFE MACH BAR		PCP
F01030X12	COMMAND MACH COUNTER		PCP
F01030X13	MACH COMMAND SLEW SWITCH		PCP
F01030X14	UNIT AOA FIXED SCALE	F1030116 F1030216 UNIT AOA MOVING TAPE	PCP
F01030X15	UNIT AOA FAIL-POWER OFF FLAG		PCP
F01030X17	NORMAL ACCEL MOVING SCALE		PCP
F01030X19	NORMAL ACCELERATION COUNTER		PCP
F01030X20	NORMAL ACCEL FAILURE FLAG		PCP
F010301	AMI-PILOT	AMI	PCP
F01030101	AIRSPEED MOVING SCALE-PILOT		PCP
F01030102	AIRSPEED IND LINE-PILOT		PCP
F01030103	AIRSPEED FAIL-PWR OFF-PILOT		PCP
F01030104	CMD AIRSPEED MARKER-PILOT		PCP
F01030105	CMD AIRSPEED COUNTER-PILOT		PCP
F01030106	AIRSPEED CMD SLEW SWITCH-PIL		PCP
F01030107	MACH NUMBER SCALE-PILOT		PCP
F01030108	MACH FAIL-PWR OFF-PILOT		PCP
F01030109	MACH INDICATOR INDEX LINE-PIL		PCP
F01030110	COMMAND MACH MARKER-PILOT		PCP
F01030111	MAXIMUM SAFE MACH BAR-PIL		PCP
F01030112	COMMAND MACH COUNTER-PIL		PCP
F01030113	MACH CMD SLEW SWITCH-PIL		PCP
F01030114	UNIT AOA FIXED SCALE-PIL	F1030116 F1030216 UNIT AOA MOVING TAPE	PCP
F01030115	UNIT AOA FAIL-PWR OFF-PIL		PCP
F01030116	UNIT AOA MOVING TAPE-PILOT		PCP
F01030117	NORMAL ACCEL MOV SCALE-PIL		PCP
F01030118	NORMAL ACCEL INDEX LINE-PIL		PCP
F01030119	NORMAL ACCEL COUNTER-PIL		PCP
F01030120	NORMAL ACCEL FAIL FLAG-PIL		PCP
F010302	AMI-COPILOT	AMI	PCP
F01030201	AIRSPEED MOVING SCALE-COPILOT		PCP
F01030202	AIRSPEED IND LINE-COPILOT		PCP

PAGE 18
CODE

NAME

SYNONYMS

PANEL

F01030203	AIRSPED FAIL-PWR OFF-COPILOT		PCP
F01030204	CMD AIRSPED MARKER-COPILOT		PCP
F01030205	CMD AIRSPED COUNTER-COPILOT		PCP
F01030206	AIRSPED CMD SLEW SWITCH-COP		PCP
F01030207	MACH NUMBER SCALE-COPILOT		PCP
F01030208	MACH FAIL-PWR OFF-COPILOT		PCP
F01030209	MACH INDICATOR INDEX LINE-COP		PCP
F01030210	COMMAND MACH MARKER-COPILOT		PCP
F01030211	MAXIMUM SAFE MACH BAR-COP		PCP
F01030212	COMMAND MACH COUNTER-COP		PCP
F01030213	MACH CMD SLEW SWITCH-COP		PCP
F01030214	UNIT AOA FIXED SCALE-COP	F1030116 F1030216 UNIT AOA MOVING TAPE	PCP
F01030215	UNIT AOA FAIL-PWR OFF-COP		PCP
F01030216	UNIT AOA MOVING TAPE-COPILOT		PCP
F01030217	NORMAL ACCEL MOV SCALE-COP		PCP
F01030218	NORMAL ACCEL INDEX LINE-COP		PCP
F01030219	NORMAL ACCEL COUNTER-COP		PCP
F01030220	NORMAL ACCEL FAIL FLAG-COP		PCP
F01040X	ALTITUDE-VERTICAL VELOCITY IND	AVVI	PCP
F01040X01	BARO-SET KNOB	BARO SET KNOB	PCP
F01040X02	BARO PRESSURE COUNTER		PCP
F01040X03	COMMAND COUNTER		PCP
F01040X04	COMMAND ALTITUDE SLEW SWITCH		PCP
F01040X05	GROSS ALTITUDE FIXED SCALE	F1040106 F1040206 GROSS ALTITUDE TAPE	PCP
F01040X07	GROSS ALT SCALE COMMAND MARKER		PCP
F01040X08	SENSITIVE ALTITUDE SCALE		PCP
F01040X09	SENSITIVE ALT SCALE COMM MARK		PCP
F01040X10	SENSITIVE ALT SCALE INDEX LINE		PCP
F01040X11	POWER OFF-ALTITUDE FAIL FLAG	SENSITIVE ALT FAIL	PCP
F01040X12	VERNIER ALTITUDE SCALE		PCP
F01040X14	ALTITUDE RATE MOVING SCALE		PCP
F01040X15	ALTITUDE RATE FIXED SCALE		PCP
F01040X16	ALTITUDE RATE MOVING INDEX		PCP
F01040X17	ALTITUDE RATE MOVING SCALE -		PCP
F010401	AVVI-PILOT	AVVI	PCP
F01040101	BARO-SET KNOB-PILOT	BARO SET KNOB	PCP
F01040102	BARO PRESSURE COUNTER-PIL		PCP
F01040103	COMMAND COUNTER-PILOT		PCP
F01040104	CMD ALTITUDE SLEW SW-PIL		PIL
F01040105	GROSS ALTITUDE FIXED SCALE-PIL	F1040106 F1040206 GROSS ALTITUDE TAPE	PCP
F01040106	GROSS ALTITUDE TAPE-PILOT		PCP
F01040107	GROSS ALT SCALE CMD MKR-PIL		PCP
F01040108	SENSITIVE ALT SCALE-PILOT		PCP
F01040109	SENSITIVE ALT SCALE MKR-PIL		PCP
F01040110	SENSITIVE ALT SCALE INDEX-PIL		PCP
F01040111	PWR OFF-ALT FAIL FLAG-PILOT	SENSITIVE ALT FAIL	PCP
F01040112	VERNIER ALTITUDE SCALE-PIL		PCP
F01040113	VERNIER ALT SCALE INDEX-PIL		PCP
F01040114	ALTITUDE RATE MOV SCALE-PIL		PCP

PAGE 19
CODE

NAME

SYNONYMS

PANEL

F01040115	ALT RATE FIXED SCALE-PILOT		PCP
F01040116	ALT RATE MOV INDEX-PILOT		PCP
F01040117	ALT RATE MOV SCALE-PILOT		PCP
F010402	AVVI-COPILOT	AVVI	PCP
F01040201	BARO-SET KNOB-COPILOT	BARO SET KNOB	PCP
F01040202	BARO PRESSURE COUNTER-COP		PCP
F01040203	COMMAND COUNTER-COPILOT		PCP
F01040204	CMD ALTITUDE SLEW SW-COP		COP
F01040205	GROSS ALTITUDE FIXED SCALE-COP	F1040106 F1040206 GROSS ALTITUDE TAPE	PCP
F01040206	GROSS ALTITUDE TAPE-COPILOT		PCP
F01040207	GROSS ALT SCALE CMD MKR-COP		PCP
F01040208	SENSITIVE ALT SCALE-COPILOT		PCP
F01040209	SENSITIVE ALT SCALE MKR-COP		PCP
F01040210	SENSITIVE ALT SCALE INDEX-COP		PCP
F01040211	PWR OFF-ALT FAIL FLAG-COPILOT	SENSITIVE ALT FAIL	PCP
F01040212	VERNIER ALTITUDE SCALE-COP		PCP
F01040213	VERNIER ALT SCALE INDEX-COP		PCP
F01040214	ALTITUDE RATE MOV SCALE-COP		PCP
F01040215	ALT RATE FIXED SCALE-COP		PCP
F01040216	ALT RATE MOV INDEX-COPILOT		PCP
F01040217	ALT RATE MOV SCALE-COPILOT		PCP
F01050X	FLIGHT DIRECTOR CONTROL PANEL	FLT DIR	PCP
F01050X01	MODE SWITCH-FLT DIR		PCP
F01050X02	ALT REF-TER FLW SWITCH		PCP
F010501	FLT DIR CONTROL PNL-PILOT	FLT DIR	PCP
F01050101	FLT DIR MODE SWITCH-PILOT		PCP
F01050102	ALT REF-TER FLW SW-PILOT		PCP
F010502	FLT DIR CONTROL PNL-COPILOT	FLT DIR	PCP
F01050201	FLT DIR MODE SWITCH-COPILOT		PCP
F01050202	ALT REF-TER FLW SW-COPILOT		PCP
F01050301	FLT DIR 1 INDICATOR	FLT DIR 1	PIL
F01050302	FLT DIR 2 INDICATOR	FLT DIR 2	PIL
F01050401	FLYUP 1 INDICATOR	FLYUP 1	CEN
F01050402	FLYUP OFF INDICATOR	FLYUP OFF	CEN
F0105050X	APRCH ARM INDICATOR	APRCH ARM	PCP
F01050501	APRCH ARM INDICATOR-PILOT	APRCH ARM	PCP
F01050502	APRCH ARM INDICATOR-COPILOT	APRCH ARM	PCP
F01060X	FLT INST TEST AND MODES PANEL	FITMP	LRCN
F01060X01	PLATFORM SELECT SWITCH	HDG HDG SWITCH	LRCN
F01060X03	AIR DATA COMPUTER TEST SWITCH	ADC TEST SWITCH	LRCN
F01060X04	VSI TEST SWITCH		LRCN
F01060X05	FDC TEST SWITCH		LRCN
F01060X06	ROTATION GO-AROUND TEST SWITCH	RGA TEST SWITCH	LRCN
F010601	FLT INST TEST, MODES PANEL-PILOT	FITMP	LRCN
F01060101	PLATFORM SELECT SWITCH-PILOT	HDG HDG SWITCH	LRCN
F01060102	ADC RGA SWITCH-PILOT	ADC RGA ADC RGA SWITCH	LCN
F01060103	ADC TEST SWITCH-PILOT	ADC TEST SWITCH	LRCN
F01060104	VSI TEST SWITCH-PILOT		LRCN
F01060105	FDC TEST SWITCH-PILOT		LRCN
F01060106	RGA TEST SWITCH-PILOT	RGA TEST SWITCH	LRCN

PAGE 20
CODE

CODE	NAME	SYNONYMS	PANEL
F0106002	FLT INST TEST, MODES PANEL-COP	FITMP	LRCN
F01060201	PLATFORM SELECT SWITCH-COP	HOG	LRCN
F01060202	ADC RGA SWITCH-COPILOT	HOG SWITCH	RCN
F01060203	ADC TEST SWITCH-COPILOT	ADC RGA SWITCH-COP	LRCN
F01060204	VSI TEST SWITCH-COPILOT	ADC RGA-COP	LRCN
F01060205	FDC TEST SWITCH-COPILOT	ADC TEST SWITCH	LRCN
F01060206	RGA TEST SWITCH-COPILOT	RGA TEST SWITCH	LRCN
F010603010X	RGA CAUTION INDICATOR	RGA 1	PIL
F0106030101	RGA CAUTION INDICATOR-1	RGA 2	PIL
F0106030102	RGA CAUTION INDICATOR-2	RGA 1	PIL
F010603020X	ADC CAUTION INDICATOR	RGA 2	PIL
F0106030201	ADC CAUTION INDICATOR-1	ADC 1	PIL
F0106030202	ADC CAUTION INDICATOR-2	ADC 2	PIL
F0106040X01	STALL WARNING INDICATOR	ADC 1	PCP
F0106040X02	REDUCE SPEED WARNING INDICATOR	ADC 2	PCP
F0106040101	STALL WARN INDICATOR-PILOT	STALL	PCP
F0106040102	REDUCE SPEED WARN IND-PILOT	STALL	PCP
F0106040201	STALL WARN INDICATOR-COPILOT	STALL	PCP
F0106040202	REDUCE SPEED WARN IND-COPILOT	STALL	PCP
F01060501	GSS CAUTION INDICATOR	GSS CAUTION LT	PIL
F0106050201	INRTL 1 CASE ALIGN INDICATOR		PIL
F0106050202	INRTL 1 ATTD REF INDICATOR		PIL
F0106050301	INRTL 2 CASE ALIGN INDICATOR		PIL
F0106050302	INRTL 2 ATTD REF INDICATOR		PIL
F010701	RADAR ALTIMETER INDICATOR	RADAR ALTIMETER	PIL
F01070101	FIXED SCALE		PIL
F01070102	MOVING POINTER		PIL
F01070103	SELF-TEST VALID LIGHT		PIL
F01070104	LOW ALTITUDE WARNING LIGHT		PIL
F01070105	OFF FLAG		PIL
F01070106	POWER-SET-TEST CONTROL KNOB	POWER-SET-TEST	PIL
F01070107	VARIABLE ALTITUDE INDEX MARKER		PIL
F010702	RADAR ALTIMETER CONTROL PANEL	RDR ALTM	CPD
F01070201	LOW ALT FLYUP EM INDICATOR	LOW ALT FLYUP	CPD
F01070202	CHANNEL INDICATOR	CHAN	CPD
F01070203	TEST PUSHBUTTON	CHAN EM INDICATOR	CPD
F01070204	CHANNEL SELECTOR SWITCH	CHAN INDICATOR	CPD
F01070205	AUTO LTDN ENBL SWITCH	CHAN SEL SWITCH	CPD
F0107030X	MINIMUM DECISION HEIGHT INDIC	CHANNEL SELECTOR	CPD
F01070301	MIN DECN HGT LIGHT-PILOT	AUTO LTDN ENBL	PCP
F01070302	MIN DECN HGT LIGHT-COPILOT	MIN DECN HGT	PCP
F01080X	ANGLE-OF-ATTACK INDICATOR	MIN DECN HGT	PCP
		MIN DECN HGT	PCP
		AOA INDICATOR	PCP
		COPLTS AOA INDICATOR	
		PILOTS AOA INDICATOR	

PAGE 21
CODE

CODE	NAME	SYNONYMS	PANEL
F01080X03	FAILURE FLAG		PCP
F01080X04	HIGH AOA INDEX MARKER		PCP
F01080X05	OPTIMUM APPROACH INDEX MARKER		PCP
F01080X06	LOW APPROACH INDEX MARKER		PCP
F010801	AOA INDICATOR-PILOT	AOA INDICATOR COPLTS AOA INDICATOR PILOTS AOA INDICATOR	PCP
F01080103	FAILURE FLAG-PILOT		PCP
F01080104	HIGH AOA INDEX MARKER-PIL		PCP
F01080105	OPT APP INDEX MARKER-PIL		PCP
F01080106	LOW APPROACH INDEX MARKER-PIL		PCP
F010802	AOA INDICATOR-COPILOT	AOA INDICATOR COPLTS AOA INDICATOR PILOTS AOA INDICATOR	PCP
F01080203	FAILURE FLAG-COPILOT		PCP
F01080204	HIGH AOA INDEX MARKER-COP		PCP
F01080205	OPT APP INDEX MARKER-COP		PCP
F01080206	LOW APPROACH INDEX MARKER-COP		PCP
F0109	GSS CONTROL PANEL		RCN
F010901	ROTARY SELECTOR SWITCH		RCN
F010902	FAST ERECT PUSHBUTTON		RCN
F01090301	SYNCHRONIZATION INDICATOR	SYNC SYNC INDICATOR PUSH TO SYNC SET HEADING	RCN
F01090302	SET HEADING-SYNC SWITCH		RCN
F01090401	LATITUDE SET SWITCH		RCN
F01090402	LAT SET MOVING SCALL KNOB	LAT	RCN
F0110	WING-SWEEP SURFACE POS IND	WING-SWEEP SURF POS	PIL
F011001	RUDDER POSITION INDICATOR		PIL
F011002	STABILIZER POSITION INDICATOR	STAB	PIL
F011003	WING SWEEP POSITION INDICATOR		PIL
F011004	FLAP POSITION INDICATOR		PIL
F011005	SLATS POSITION INDICATOR		PIL
F011006	SPOILER INDICATORS		PIL
F0110060X	LEFT AND RIGHT SPOILERS EM IND		
F01100601	SPOILER INDICATOR		
F011006010X	LEFT SPOILER EM INDICATORS		
F0110060101	LEFT INBOARD SPOILER INDICATOR	LEFT SPOILER-1	
F0110060102	LEFT SPOILER INDICATOR-2	LEFT SPOILER-2	
F0110060103	LEFT SPOILER INDICATOR-3	LEFT SPOILER-3	
F0110060104	LEFT OUTBOARD SPOILER INDICATO	LEFT SPOILER-4	R
F01100602	RIGHT SPOILER EM INDICATORS		
F011006020X	SPOILER INDICATORS		
F0110060201	RIGHT INBOARD SPOILER INDICATO	RIGHT SPOILER-1	R
F0110060202	RIGHT SPOILER INDICATOR-2	RIGHT SPOILER-2	
F0110060203	RIGHT SPOILER INDICATOR-3	RIGHT SPOILER-3	
F0110060204	RIGHT OUTBOARD SPOILER INDICAT	RIGHT SPOILER-4	OR
F011007	OFF FLAG-WING SWEEP		PIL
F01110X01	RGA SWITCH	COPLT'S RGA SWITCH PILOT'S RGA SWITCH	PCP
F01110X02	RGA ADVISORY INDICATOR	RGA LIGHT	PCP
F01110101	RGA SWITCH-PILOT	COPLT'S RGA SWITCH PILOT'S RGA SWITCH	PCP
F01110102	RGA ADVISORY INDICATOR-PIL	RGA LIGHT	PIL

PAGE 22

CODE

NAME

SYNONYMS

PANEL

CODE	NAME	SYNONYMS	PANEL
F01110201	RG A SWITCH-COPILOT	COPLT'S RGA SWITCH PILOT'S RGA SWITCH	PCP
F01110202	RG A ADVISORY INDICATOR-COP	RG A LIGHT	COP
F0201	STANDBY ATTITUDE DIRECTOR IND	SADI	CEN
F020101	GLIDE SCOPE SCALE	GLIDE SLOPE POINTER	CEN
F020102	GLIDE SLOPE POINTER	GLIDE SLOPE POINTER	CEN
F020103	GLIDE SLOPE FLAG ALARM	GS FLAG GS FLAG ALARM	CEN
F020104	VERTICAL STEERING POINTER	BANK STEERING BAR	CEN
F020105	HORIZONTAL STEERING POINTER		CEN
F020106	FLIGHT DIRECTOR FLAG ALARM	FD FLAG FD FLAG ALARM	CEN
F020107	BANK ANGLE DIAL	BANK ANGLE POINTER F20108	CEN
F020108	BANK ANGLE POINTER		CEN
F020109	MINIATURE AIRPLANE		CEN
F020110	SPHEROID-PITCH SCALE		CEN
F020111	OFF FLAG-SADI		CEN
F020112	PITCH TRIM KNOB	F20113	CEN
F020113	PITCH TRIM INDEX DOT		CEN
F0202	AIRSPED-MACH INDICATOR	AIRSPED-MACH IND	CEN
F020201	AIRSPED DIAL	IAS SCALE	CEN
F020202	AIRSPED-MACH POINTER		CEN
F020203	MACH DIAL		CEN
F020204	AIRSPED MARKER		CEN
F020205	AIRSPED MARKER SET KNOB		CEN
F020206	MAX ALLOW AIRSPED-MACH POINT		CEN
F0203	STANDBY ALTIMETER		CEN
F020301	ALTITUDE SCALE	ALTITUDE SCALE F203 100 FOOT POINTER	CEN
F020303	BAROMETRIC SETTING KNOB		CEN
F020304	BAROMETRIC SCALE COUNTER		CEN
F020305	100 FOOT DRUM		CEN
F02030601	1000 FOOT COUNTER		CEN
F0204	STANDBY MAGNETIC COMPASS		CEN
F0205	GS-TAS INDICATOR		CEN
F020501	MODE INDICATOR		CEN
F020502	KT READOUT COUNTER		CEN
F020503	MODE SELECTOR KNOB		CEN
F0206	TOTAL TEMPERATURE INDICATOR	TOTAL TEMP	CEN
F020604	OFF FLAG-TOTAL TEMP		CEN
F02070X	CLOCK		PCP
F020701	CLOCK-PILOT		PCP
F020702	CLOCK-COPILOT		PCP
F020703	OSO CLOCK		OSO
F020704	DSO CLOCK		
F03010X	MASTER CAUTION SWITCHLIGHTS		PCP
F030101	MASTER CAUTION SWITCHLIGHT-PIL		PCP
F030102	MASTER CAUTION SWITCHLIGHT-COP		PCP
F040X01	ATTITUDE-BEARING INDICATORS		
F040101	ATTITUDE DIRECTOR INDICATOR		
F04010101	HORIZON LINE		
F04010102	AIRCRAFT SYMBOL		
F04010103	ROLL SCALE		

PAGE 23
CODE

NAME

SYNONYMS

PANEL

F04010104	OFF INDICATOR		
F04010105	HORIZON SET CONTROL		
F04010106	PITCH SCALE		
F040201	BEARING-DISTANCE-HEADING IND		
F04020101	RELATIVE BEARING INDICATOR		
F04020102	BEARING POINTER		
F04020104	COMPASS CARD		
F04020105	MILEAGE WINDOW	MILES	
F04020106	OFF INDICATOR		
F04020107	SET INDEX CONTROL KNOB	SET INDEX	
F040301	AIRSPEED-ALTITUDE INDICATOR		
F04030101	AIRSPEED-ALTITUDE INDICATOR SW		OSO
F04030102	TAS-CAS READOUT	TAS	
F04030103	ALTITUDE READOUT	ALTITUDE (FT)	
F04030104	IN. HG READOUT	IN. HG	
F04030105	OFF-TAS-CAS SELECT SWITCH		
F04030106	BAROMETER CONTROL	BARO	
F040401	BOMB TIMER POWER SWITCH		
F04040101	POWER CONTROL	POWER	
F0404010201	MINUTE CLOCK HAND		
F0404010202	SECOND CLOCK HAND		
F0404010204	TIMEOUT LIGHT	TIMEOUT	
F0404010301	MINUTE COUNTER	MIN	
F0404010302	SECOND COUNTER	SEC	
F0404010303	MINUTE CONTROL	MIN	
F0404010304	SECOND CONTROL	SEC	
F0404010305	START-RESET PUSHBUTTON	RESET START	
G01	LANDING GEAR CONTROL PANEL	LANDING GEAR	COP
G01010X	GEAR WARNING LIGHTS		
G010101	PRIMARY LANDING GEAR CONTROL		COP
G010102	GEAR WARNING LIGHT		COP
G010103	NOSE GEAR ADVISORY LIGHT	NOSE GEAR LIGHT	COP
G010104	LEFT GEAR ADVISORY LIGHT	L GEAR LIGHT	COP
		LEFT GEAR LIGHT	
G010105	RIGHT GEAR ADVISORY LIGHT	R GEAR LIGHT	COP
		RIGHT GEAR LIGHT	
G0102	ALTERNATE LANDING GEAR CONTROL	ALTER	COP
G02	TAKEOFF AND LANDING CONTROL PNL	TO-LDG	CPD
G02010101	ANTISKID TEST SWITCH		CPD
G02010102	ANTISKID CAUTION LIGHT		CEN
G020102	STEERING MODE CONTROL SWITCH	NWS SWITCH	CPD
G02020X	STEER ENGAGE-DISENGAGE SWITCH		PCP
G020201	PIL STEER ENG-DISENG SWITCH		PCP
G020202	COP STEER ENG-DISENG SWITCH		PCP
G0203	LANDING/TAXI LIGHT CONTROL SW	LANDING/TAXI SWITCH	CPD
		LT	
G0204	NOSEWHEEL STEERING CAUTION LT	NWS	CEN
G03	BRAKE CONTROL PANEL	BRAKES	CEN
G0301	EMERGENCY BRAKE SWITCH	EMERG	CEN
G0302	PARKING BRAKE CONTROL SWITCH LT		CEN
G04	HOT BRAKE CAUTION LIGHT	HOT BRAKE	CEN
H01010X	HYDRAULIC QUANTITY INDICATORS	HYDRAULIC QTY GAGE	OHD
H010101	#1 HYD QUANTITY INDICATOR	HYDRAULIC QTY GAGE	OHD
H010102	#2 HYD QUANTITY INDICATOR	HYDRAULIC QTY GAGE	OHD

PAGE 24
CODE

CODE	NAME	SYNONYMS	PANEL
HC10103	#3 HYD QUANTITY INDICATOR	HYDRAULIC QTY GAGE	OHD
HC10104	#4 HYD QUANTITY INDICATOR	HYDRAULIC QTY GAGE	OHD
HC1020X	HYDRAULIC PRESSURE INDICATORS	HYDRAULIC PRESS GAGE	OHD
HC10201	#1 HYD PRESSURE INDICATOR	HYDRAULIC PRESS GAGE	OHD
HC10202	#2 HYD PRESSURE INDICATOR	HYDRAULIC PRESS GAGE	OHD
HC10203	#3 HYD PRESSURE INDICATOR	HYDRAULIC PRESS GAGE	OHD
HC10204	#4 HYD PRESSURE INDICATOR	HYDRAULIC PRESS GAGE	OHD
HC10301	HYDRAULIC INDICATOR TEST	HYD INDICATOR HYD QTY TEST	OHD
HC20101	HYDRAULIC LIGHT	HYD CAUTION LIGHT HYD LIGHT	CEN
J01	ENGINE START DISPLAYS		
J010X	ENGINE INSTRUMENTS		
J01010X	POWER LEVEL INDICATOR	ENGINE TAPES J0101 PWR LEVEL INDICATOR	CEN
J01010X01	PWR LEVEL WARNING LIGHTS		CEN
J010101	POWER LEVEL INDICATOR-ENG #1	ENGINE TAPES J0101 PWR LEVEL INDICATOR	CEN
J01010101	#1 ENG PWR LEVEL OFF IND		CEN
J010102	POWER LEVEL INDICATOR-ENG #2	ENGINE TAPES J0101 PWR LEVEL INDICATOR	CEN
J01010201	#2 ENG PWR LEVEL OFF IND		CEN
J010103	POWER LEVEL INDICATOR-ENG #3	ENGINE TAPES J0101 PWR LEVEL INDICATOR	CEN
J01010301	#3 ENG PWR LEVEL OFF IND		CEN
J010104	POWER LEVEL INDICATOR-ENG #4	ENGINE TAPES J0101 PWR LEVEL INDICATOR	CEN
J01010401	#4 ENG PWR LEVEL OFF IND		CEN
J01020X	FAN RPM INDICATOR		CEN
J01020X01	FAN RPM CAUTION LIGHTS		CEN
J01020X02	FAN RPM WARNING SIGNALS		CEN
J010201	#1 FAN RPM INDICATOR		CEN
J01020101	#1 FAN RPM CAUTION LIGHT		CEN
J01020102	#1 FAN RPM WARNING LIGHT		CEN
J010202	#2 FAN RPM INDICATOR		CEN
J01020201	#2 FAN RPM CAUTION LIGHT		CEN
J01020202	#2 FAN RPM WARNING LIGHT		CEN
J010203	#3 FAN RPM INDICATOR		CLN
J01020301	#3 FAN RPM CAUTION LIGHT		CEN
J01020302	#3 FAN RPM WARNING LIGHT		CEN
J010204	#4 FAN RPM INDICATOR		CEN
J01020401	#4 FAN RPM CAUTION LIGHT		CEN
J01020402	#4 FAN RPM WARNING LIGHT		CEN
J01030X	ENGINE TEMPERATURE INDICATOR	ENG TEMP	CEN
J01030X02	ENG TEMP WARNING LIGHTS		CEN
J010301	ENGINE 1 TEMP INDICATOR	ENG TEMP	CEN
J01030102	ENG 1 TEMP WARNING LIGHT		CEN
J010302	ENGINE 2 TEMP INDICATOR	ENG TEMP	CEN
J01030202	ENG 2 TEMP WARNING LIGHT		CEN
J010303	ENGINE 3 TEMP INDICATOR	ENG TEMP	CEN

PAGE 25
CODE

CODE	NAME	SYNONYMS	PANEL
J01030302	ENG 3 TEMP WARNING LIGHT		CEN
J010304	ENGINE 4 TEMP INDICATOR	ENG TEMP	CEN
J01030402	ENG 4 TEMP WARNING LIGHT		CEN
J01040X	FUEL FLOW INDICATOR-TAPES	FF INDICATOR	CEN
J01040X01	FF WARNING SIGNALS		CEN
J010401	FUEL FLOW INDICATOR-TAPE 1	FF INDICATOR	CEN
J01040101	#1 FF WARNING SIGNAL		CEN
J010402	FUEL FLOW INDICATOR-TAPE 2	FF INDICATOR	CEN
J01040201	#2 FF WARNING SIGNAL		CEN
J010403	FUEL FLOW INDICATOR-TAPE 3	FF INDICATOR	CEN
J01040301	#3 FF WARNING SIGNAL		CEN
J010404	FUEL FLOW INDICATOR-TAPE 4	FF INDICATOR-4	CEN
J01040401	#4 FF WARNING SIGNAL		CEN
J01050X	CORE RPM INDICATOR		CEN
J01050X01	CORE RPM CAUTION LIGHTS		CEN
J010501	ENG 1 CORE RPM INDICATOR		CEN
J01050101	ENG 1 CORE RPM CAUTION LIGHT		CEN
J010502	ENG 2 CORE RPM INDICATOR		CEN
J01050201	ENG 2 CORE RPM CAUTION LIGHT		CEN
J010503	ENG 3 CORE RPM INDICATOR		CEN
J01050301	ENG 3 CORE RPM CAUTION LIGHT		CEN
J010504	ENG 4 CORE RPM INDICATOR		CEN
J01050401	ENG 4 CORE RPM CAUTION LIGHT		CEN
J01060X	NOZZLE POSITION INDICATOR	NOZ POS INDICATOR	CEN
J01060X01	NOZ POS WARNING SIGNAL		CEN
J010601	#1 ENGINE TAPE	NOZ POS INDICATOR	CEN
J01060101	#1 ENGINE OFF TAPE MARKER		CEN
J010602	#2 ENGINE TAPE	NOZ POS INDICATOR	CEN
J01060201	#2 ENGINE OFF TAPE MARKER		CEN
J010603	#3 ENGINE TAPE	NOZ POS INDICATOR	CEN
J01060301	#3 ENGINE OFF TAPE MARKER		CEN
J010604	#4 ENGINE TAPE	NOZ POS INDICATOR	CEN
J01060401	#4 ENGINE OFF TAPE MARKER		CEN
J01070X	OIL PRESSURE INDICATOR	OIL PRESS INDICATOR	CEN
J01070X01	OIL PRESS CAUTION LIGHTS		CEN
J01070X02	OIL PRESS WARNING SIGNALS		CEN
J010701	#1 OIL PRESS INDICATOR TAPE	OIL PRESS INDICATOR	CEN
J01070101	#1 ENG OIL PRESS CAUTION LIGHT		CEN
J01070102	#1 OIL PRESS OFF MARKER		CEN
J010702	#2 OIL PRESS INDICATOR TAPE	OIL PRESS INDICATOR	CEN
J01070201	#2 ENG OIL PRESS CAUTION LIGHT		CEN
J01070202	#2 OIL PRESS OFF MARKER		CEN
J010703	#3 OIL PRESS INDICATOR TAPE	OIL PRESS INDICATOR	CEN
J01070301	#3 ENG OIL PRESS CAUTION LIGHT		CEN
J01070302	#3 OIL PRESS OFF MARKER		CEN
J010704	#4 OIL PRESS INDICATOR TAPE	OIL PRESS INDICATOR	CEN
J01070401	#4 ENG OIL PRESS CAUTION LIGHT		CEN
J01070402	#4 OIL PRESS OFF MARKER		CEN
J01080X	OIL QUANTITY INDICATOR		CEN
J01080X01	OIL QTY WARNING SIGNALS		CEN
J010801	#1 OIL QUANTITY TAPE INDICATOR		CEN
J01080101	#1 OIL QUANT OFF TAPE MARKER		CEN
J010802	#2 OIL QUANTITY TAPE INDICATOR		CEN
J01080201	#2 OIL QUANT OFF TAPE MARKER		CEN
J010803	#3 OIL QUANTITY TAPE INDICATOR		CEN

J01080301	#3 OIL QUANT OFF TAPE MARKER		CEN
J010804	#4 OIL QUANTITY TAPE INDICATOR		CEN
J01080401	#4 OIL QUANT OFF TAPE MARKER		CEN
J0109	ENGINE DIRECTOR CAUTION LIGHT	ENG LEGEND LIGHT	CEN
J020X	ENGINE START SWITCH		CPD
J0201	ENGINE 1 START SWITCH		CPD
J0202	ENGINE 2 START SWITCH		CPD
J0203	ENGINE 3 START SWITCH		CPD
J0204	ENGINE 4 START SWITCH		CPD
J03010X	PRIMARY THROTTLE LEVERS-PI	J0301	LCN
J030101	#1 THROTTLE LEVER	J0301	LCN
J030102	#2 THROTTLE LEVER	J0301	LCN
J030103	#3 THROTTLE LEVER	J0301	LCN
J030104	#4 THROTTLE LEVER	J0301	LCN
J03020X	PRIMARY THROTTLE LEVERS-CO	J0302	CPD
J030201	#1 THROTTLE LEVER	J0302	CPD
J030202	#2 THROTTLE LEVER	J0302	CPD
J030203	#3 THROTTLE LEVER	J0302	CPD
J030204	#4 THROTTLE LEVER	J0302	CPD
J040101	PIL ALT THROTTLE SWITCH 1	ALTER THROT-PI	CEN
J040102	PIL ALT THROTTLE SWITCH 2	ALTER THROT-PI	CEN
J040103	PIL ALT THROTTLE SWITCH 3	ALTER THROT-PI	CEN
J040104	PIL ALT THROTTLE SWITCH 4	ALTER THROT-PI	CEN
J04020X	ALTERNATE THROTTLE SWITCHES-CO	ALTER THROT-CO	CPD
J040201	COP ALT THROTTLE SWITCH 1	ALTER THROT-CO	CEN
J040202	COP ALT THROTTLE SWITCH 2	ALTER THROT-CO	CEN
J040203	COP ALT THROTTLE SWITCH 3	ALTER THROT-CO	CEN
J040204	COP ALT THROTTLE SWITCH 4	ALTER THROT-CO	CEN
J050X02	CORE RPM WARNING SIGNALS		CEN
J0501	NORMAL THROTTLE RESET SWITCH-P	NORM THROT RESET-PI	LCN
J050102	ENG 1 CORE RPM WARNING SIGNAL		CEN
J0502	NORMAL THROTTLE RESET SWITCH-C	NORM THROT RESET-CO	CPD
J050202	ENG 2 CORE RPM WARNING SIGNAL		CEN
J050302	ENG 3 CORE RPM WARNING SIGNAL		CEN
J050402	ENG 4 CORE RPM WARNING SIGNAL		CEN
J0601	AUTOMATIC THROTTLE DISCONNECTP	AUTO THROT DISC-PI	LCN
J0602	AUTOMATIC THROTTLE DISCONNECTC	AUTO THROT DISC-CO	CPD
J070101	IGNITION SWITCH	IGN	CPD
J070102	ENGINE IGNITION ADVISORY LIGHT	ENG IGN	CPD
J0702	SPEED LOCKUP SWITCH		CPD
J070301	ENGINE ANTI-ICE SWITCH		CPD
J070302	ANTI-ICE AIR ON LIGHT		CPD
J08010X	VIBRATION HIGH ANNUNCIATORS	VIB HIGH	CEN
J080101	VIB HIGH ANNUNCIATOR-ENG #1	VIB HIGH	CEN
J080102	VIB HIGH ANNUNCIATOR-ENG #2	VIB HIGH	CEN
J080103	VIB HIGH ANNUNCIATOR-ENG #3	VIB HIGH	CEN
J080104	VIB HIGH ANNUNCIATOR-ENG #4	VIB HIGH	CEN
J08020X	OIL HOT ANNUNCIATORS		CEN
J080201	#1 OIL HOT ANNUNCIATOR		CEN
J080202	#2 OIL HOT ANNUNCIATOR		CEN
J080203	#3 OIL HOT ANNUNCIATOR		CEN
J080204	#4 OIL HOT ANNUNCIATOR		CEN
J08030X	ACCESSORY DRIVE SYSTEM ANNUNC	ADS ANNUNCIATORS	CEN
J080301	1 ADS	ADS ANNUNCIATORS	CEN
J080302	2 ADS	ADS ANNUNCIATORS	CEN

PAGE 27
CODE

NAME

SYNONYMS

PANEL

J080303
J080304
J09
L01
L010101
L010201
L010202
L0103
L0104
L010501
L010502
L01060X01

3 ADS
4 ADS
ENGINE ICE ANNUNCIATOR
ELECTRICAL CONTROL PANEL
VOLTAGE-FREQ SELECTOR SWITCH
VOLTAGE METER
FREQUENCY METER
BATTERY SELECT SWITCH
EXTERNAL POWER CONTROL SWITCH
EMERGENCY GENERATOR CONTROL SW
EMERG GENERATOR ADVISORY LT
CONSTANT SPEED DRIVE MODE SEL

ADS ANNUNCIATORS
ADS ANNUNCIATORS
ICE
ELEC

CEN
CEN
CEN
OHD
OHD
OHD
OHD
OHD
OHD
OHD
OHD
OHD

VOLTS-METER
FREQ-METER
BATTERY SWITCH
EXT PWR
EMERG GEN
EMERG GEN ON

1 CSD SW
2 CSD SW
3 CSD SW

1 CSD CAUTION LIGHT
2 CSD CAUTION LIGHT
3 CSD CAUTION LIGHT

1 CSD SW
2 CSD SW
3 CSD SW

1 CSD CAUTION LIGHT
2 CSD CAUTION LIGHT
3 CSD CAUTION LIGHT

1 CSD SW
2 CSD SW
3 CSD SW

1 CSD CAUTION LIGHT
2 CSD CAUTION LIGHT
3 CSD CAUTION LIGHT

1 CSD SW
2 CSD SW
3 CSD SW

1 CSD CAUTION LIGHT
2 CSD CAUTION LIGHT
3 CSD CAUTION LIGHT

1 GEN MODE SWITCH
2 GEN MODE SWITCH
3 GEN MODE SWITCH

1 GEN CAUTION LT
2 GEN CAUTION LT
3 GEN CAUTION LT

1 GEN MODE SWITCH
2 GEN MODE SWITCH
3 GEN MODE SWITCH

1 GEN CAUTION LT
2 GEN CAUTION LT
3 GEN CAUTION LT

1 GEN MODE SWITCH
2 GEN MODE SWITCH
3 GEN MODE SWITCH

1 GEN CAUTION LT
2 GEN CAUTION LT
3 GEN CAUTION LT

OHD

OHD

OHD

OHD

OHD

OHD

OHD

OHD

OHD

OHD

OHD

OHD

OHD

L01060X02

CSD CAUTION LIGHTS

L01060101

#1 CONSTANT SPD DRIVE MODE SEL

L01060102

#1 CSD CAUTION LIGHT

L01060201

#2 CONSTANT SPD DRIVE MODE SEL

L01060202

#2 CSD CAUTION LIGHT

L01060301

#3 CONSTANT SPD DRIVE MODE SEL

L01060302

#3 CSD CAUTION LIGHT

L01070X01

GENERATOR MODE SWITCHES

L01070X02

GENERATOR OFF LIGHTS

L01070101

#1 GENERATOR MODE SWITCH

L01070102

#1 GENERATOR CAUTION LIGHT

L01070201

#2 GENERATOR MODE SWITCH

L01070202

#2 GENERATOR CAUTION LIGHT

PAGE 28
CODE

CODE	NAME	SYNONYMS	PANEL
LC1070301	#3 GENERATOR MODE SWITCH	1 GEN MODE SWITCH 2 GEN MODE SWITCH 3 GEN MODE SWITCH	OHD
LC1070302	#3 GENERATOR CAUTION LIGHT	1 GEN CAUTION LT 2 GEN CAUTION LT 3 GEN CAUTION LT	OHD
LC1080X01	BUS TIE INDICATOR	III TIE CL TIE OPEN	OHD
LC1080X02	BUS CAUTION LIGHTS	LC1080X03 LC1080103 LC1080203	OHD
LC1080101	LEFT BUS TIE EM INDICATOR	III TIE CL TIE OPEN	OHD
LC1080102	#1 BUS CAUTION LIGHT	LC1080X03 LC1080103 LC1080203	OHD
LC1080103	#2 BUS CAUTION LIGHT		OHD
LC1080201	RIGHT BUS TIE EM INDICATOR	III TIE CL TIE OPEN	OHD
LC1080202	#3 BUS CAUTION LIGHT	LC1080X03 LC1080103 LC1080203	OHD
LC1080203	#4 BUS CAUTION LIGHT		OHD
LC109	ELECTRICAL CAUTION LIGHT	ELEC CAUTION LIGHT	CEN
LC0201	LEFT CIRCUIT BREAKERS	LH CB PANEL	
LC0202	RIGHT CIRCUIT BREAKERS	RH CB PANEL	
NO1	ENVIRONMENT CONTROL PANEL	ENVIR	OHD
NO1010X	ENGINE BLEED AIR SWITCHES	ENG BLEED AIR	OHD
NO10101	#1 ENGINE BLEED AIR SWITCH	ENG BLEED AIR	OHD
NO10102	#2 ENGINE BLEED AIR SWITCH	ENG BLEED AIR	OHD
NO10103	#3 ENGINE BLEED AIR SWITCH	ENG BLEED AIR	OHD
NO10104	#4 ENGINE BLEED AIR SWITCH	ENG BLEED AIR	OHD
NO1020X	BLEED AIR CAUTION LIGHTS	BLEED AIR	CEN
NO10201	#1 BLEED AIR CAUTION LIGHT	BLEED AIR	CEN
NO10202	#2 BLEED AIR CAUTION LIGHT	BLEED AIR	CEN
NO10203	#3 BLEED AIR CAUTION LIGHT	BLEED AIR	CEN
NO10204	#4 BLEED AIR CAUTION LIGHT	BLEED AIR	CEN
NO1030X	L+R BLEED AIR OVERHEAT LIGHTS	L BLEED AIR OVERHEAT R BLEED AIR OVERHEAT	CEN
NO10301	LEFT BLEED AIR OVERHEAT LIGHT	L BLEED AIR OVERHEAT	CEN
NO10302	RIGHT BLEED AIR OVERHEAT LIGHT	R BLEED AIR OVERHEAT L BLEED AIR OVERHEAT	CEN
NO1040X	AIR SOURCE CONTROL SWITCHES		OHD
NO10401	#1 AIR SOURCE CONTROL SWITCH		OHD
NO10402	#2 AIR SOURCE CONTROL SWITCH		OHD
NO10403	STORE AIR SOURCE CONTROL SW		OHD
NO10404	CREW AIR SOURCE CONTROL SW		OHD
NO1050X	ECS OVERHEAT CAUTION LIGHTS	AIR HOT LIGHTS	CEN
NO10501	#1 AIR HOT CAUTION LIGHT	AIR HOT LIGHTS	CEN
NO10502	#2 AIR HOT CAUTION LIGHT	AIR HOT LIGHTS	CEN
NO10503	ST AIR HOT CAUTION LIGHT	AIR HOT LIGHTS	CEN

PAGE 29
CODE

CODE	NAME	SYNONYMS	PANEL
N010504	CREW AIR HOT CAUTION LIGHT	AIR HOT LIGHTS	CEN
N0106	CREW AIR SOURCE MODE SWITCH		OHD
N010701	COMPT RAM SCOOP OPEN	COMPT RAM SCOOP OPEN	CEN
N010702	FUEL COOLING SCOOP C		CEN
N01080X	AVIONICS AIR MODE SELECT	INTMD L CTL R CTL	OHD
N010801	INTRMDT AVIONICS AIR MODE SW	INTMD L CTL R CTL	OHD
N010802	LFT CNTRL AVIONICS AIR MODE SW	INTMD L CTL R CTL	OHD
N010803	RT CNTRL AVIONICS AIR MODE SW	INTMD L CTL R CTL	OHD
N01090X	AVIONICS COMPARTMENTS OVERHEAT	COMPT HOT LIGHTS	CEN
N010901	CREW COMPT AVIONICS HOT	COMPT HOT LIGHTS	CEN
N010902	INTERMEDIATE COMPT HOT	COMPT HOT LIGHTS	CEN
N010903	LEFT CENTRAL COMPT HOT	COMPT HOT LIGHTS	CEN
N010904	RIGHT CENTRAL COMPT HOT	COMPT HOT LIGHTS	CEN
N010905	FWD COMPT HOT CAUTION LIGHT	COMPT HOT LIGHTS	CEN
N010906	AFT COMPT HOT CAUTION LIGHT	COMP HOT LIGHTS	CEN
N011001	CREW TEMP MODE SWITCH		OHD
N011002	CREW TEMP CONTROL		OHD
N011101	WINDSHIELD POWER SELECT SWITCH		OHD
N011102	WINDSHIELD MODE SELECT SWITCH		OHD
N011103	WINDSHIELD WASH SELECT SWITCH		OHD
N011104	WINDSHIELD RAIN REPELLENT SW		OHD
N01110501	WASH QTY EM INDICATOR		
N01110502	RAIN REPEL QTY EM INDICATOR		
N01120X	WINDSHIELD HOT CAUTION LIGHTS		CEN
N011201	LEFT WINDSHIELD HOT CAUTION LT		CEN
N011202	RIGHT WINDSHIELD HT CAUTION LT		CEN
N0113	FUEL COOLING LOOP RETURN SW	FUEL CLG LOOP RTN SW	OHD
N0114	FUEL COOLING LOOP RETURN LIGHT	FUEL CLG LOOP RTN	CEN
N0115	COOLING FUEL LOOP CROSSOVER SW	CLG FUEL LOOP CRSVR CRSVR	OHD
N0116	FUEL COOLING LOOP CROSSOVER LT	FUEL CLG LOOP CRSVR	CEN
N0117	PITOT HEAT CONTROL SWITCH	PITOT HEAT	OHD
N011801	CABIN OVER 10000 CAUTION LIGHT	N01/801	CEN
N011901	CABIN OVER 42000 WARN LIGHT		DSO
N011902	CABIN OVER 42000 WARN LIGHT		DSO
N0201	CABIN PRESS ALT INDICATOR		
N020101	OXYGEN-QUANTITY INDICATOR		
N0202	CABIN OVER 10000 CAUTION LIGHT		CEN
N04	CABIN PRESSURE ALTITUDE IND		OHD
P01	APU PANEL		
P01010X	MODE SWITCHES	L APU MODE SWITCH R APU MODE SWITCH	OHD
P010101	LEFT APU MODE SWITCH	L APU MODE SWITCH R APU MODE SWITCH	OHD
P010102	RIGHT APU MODE SWITCH	L APU MODE SWITCH R APU MODE SWITCH	OHD

PAGE 30
CODE

NAME

SYNONYMS

PANEL

PC1020X

APU EXH TEMP GAGE

EXHAUST GAS TEMP
L APU EXH TEMP GAGE
R APU EXH TEMP GAGE

OHD

PC10201

LEFT APU EXHAUST TEMP GAGE

EXHAUST GAS TEMP
L APU EXH TEMP GAGE
R APU EXH TEMP GAGE

OHD

PC10202

RIGHT APU EXHAUST TEMP GAGE

EXHAUST GAS TEMP
L APU EXH TEMP GAGE
R APU EXH TEMP GAGE

OHD

PC1030X

ANNUNCIATOR LGTS (L RUN,R RUN)

OHD

PC10301

LEFT RUN LIGHT

OHD

PC10302

RIGHT RUN LIGHT

OHD

PC10401

LEFT ADS COUPLE SWITCH

L ADS COUPLE SW

OHD

PC10402

RIGHT ADS COUPLE SWITCH

R ADS COUPLE SW

OHD

PC10501

LEFT ECS SUPPLY SWITCH

ECS SUPPLY

PC10502

RIGHT ECS SUPPLY SWITCH

ECS SUPPLY SW

Q01

KLAXON

Q02

A-V NOSEWHEEL STRUT

Q03

A-V NOSE

Q04

A-V CREW MODULE ENTRY

A-V CREW ENTRY

Q05

ALERT START PUSHBUTTON

Q06

ALERT START PUSH BUTTON

Q07

LADDER RELEASE HANDLE

Q08

A-V ENTRY LADDER

Q09

A-V SEATS

A-V SEAT

Q10

SEAT ADJUST LEVER

Q100

GO INTERCOM CABLES

Q101

A-V GROUNDING CABLES

Q102

A-V FORWARD FUSELAGE

Q103

A-V NOSE LDG GEAR & EQUIPMENT

Q104

A-V ENTRYWAY EQUIPMENT

Q105

A-V FWD & ITMD FUS & WPNS BAYS

Q106

A-V L&R NACELLES EXTERIOR

Q107

A-V L&R WG CARRY THRU & WGS

Q108

A-V ENGINE EXHAUST DUCTS

Q109

A-V ENGINE AIR INLET DUCTS

Q11

A-V CREW MODULE

Q110

A-V MAIN LANDING GEAR

Q111

A-V AFT INTMD FUSELAGE EXTER

Q112

A-V L & R NACELLES EXTERIOR

Q113

A-V L & R WG CARRY THRU & WGS

Q114

A-V FWD & ITMD FUS & WPNS BAYS

Q116

L ADS COUPLE SWITCH

PC10401

Q117

R ADS COUPLE SWITCH

PC10402

Q118

ADS COUPLE SWITCH

Q119

L APU MODE SW

Q12

SEAT RESTRAINTS

Q120

L RUN LIGHT

PC10301

Q121

R APU MODE SW

Q122

R RUN LIGHT

PC10302

Q123

APU MODE SWITCH

Q124

L ECS SUPPLY SW

PC10501

Q125

R ECS SUPPLY SW

PC10502

Q126

ECS SUPPLY SW

PC1050X

Q127

ENGINE FIRE SWITCHLIGHT 4

PC10104

CODE	NAME	SYNONYMS	PANEL
Q128	ENGINE IGNITION SWITCH	J070101	
Q129	ALTERNATE THROTTLE SWITCH 4	J040104	
Q13	HEADGEAR		
Q130	ENGINE START SWITCH 4	J0204	
Q131	R AGENT DISCH SWITCH	R010302	
Q132	R MAIN AGENT DISCHARGE LIGHT	R010502	
Q133	MSTR AUDIO CUTOUT	C0202	
Q134	R RES AGENT DISCHARGE LIGHT	R010602	
Q135	R APU FIRE SWITCHLIGHT	R010202	
Q136	FIRE DETECTION LIGHT	R0206	
Q137	MASTER CAUTION SWITCHLIGHT	F030101	
Q138	ENGINE LOOP A LIGHT 4	R02030104	
Q139	ENGINE LOOP B LIGHT 4	R02040104	
Q14	CHECKLIST		
Q140	LOOP LOCKOUT SWITCH 4	R020104	
Q141	THRUTTLE LEVERS	J03010X	
Q142	EMERGENCY BRAKING		
Q143	ENG FIRE SWITCHLIGHTS	R01010X	
Q144	L APU FIRE SWITCHLIGHT	R010201	
Q145	SPEED BRK CONTROL-PIL	S020301	
Q146	COPILOTSUHF	Q26	
Q147	CORE RPM INDICATOR	J010504	
Q148	LANDING GEAR CONTROL	G010101	
Q149	ENG BLEED AIR SWITCH 4	N010104	
Q15	ICS		
Q150	PREPARE TO EJECT SWITCHLIGHT	D080101	
Q151	EJECTION HANDLE	D01010X	
		D01020X	
Q152	DILUTER-PRESSURE DEMAND RGLTRP	C0304030X	
Q153	OXYGEN MASK P	Q66	
Q154	OXYGEN MASK C	Q66	
Q155	OXYGEN MASK O	Q66	
Q156	OXYGEN MASK D	Q66	
Q157	ST AIR SOURCE CONTROL SWITCH	N010403	
Q158	INMD AVIONICS AIR SOURCE SW	N010801	
Q159	AIR OUTLETS		
Q16	DSO ICS		
Q160	ALL NON-ESSENTIAL ELECT EQUIP		
Q161	R CTL AVIONICS AIR MODE SELECT	N010803	
Q162	OXYGEN MASKS	Q66	
Q163	OXYGEN REGULATORS		
Q164	SMOKE HOODS		
Q165	CONSOLE		
Q166	ENG BLEED AIR 1	N010101	
Q167	ENG BLEED AIR 2	N010102	
Q168	ENG BLEED AIR 3	N010103	
Q169	RESTRAINT ASSY INERTIAL REEL		
Q17	CO-PILOT ICS	COPILOT ICS	
Q170	SEAT ARMRESTS		
Q171	THRUTTLE LEVER 4	J030204	
Q172	THRUTTLE LEVER 1	J030101	
Q173	THRUTTLE LEVER 2	J030102	
Q174	THRUTTLE LEVER 3	J030103	
Q175	CONTROL STICK TRIM SWITCH	S010303	
		S010304	

PAGE 32
CODE

NAME

SYNONYMS

PANEL

Q176	YAW CONTROL TRIM SWITCH	S010403	
Q177	NOSE GEAR TIRE		
Q178	MAIN GEAR TIRE		
Q179	MAIN GEAR TIRES		
Q18	CURSOR RANGE SEGMENT		
Q180	PERCENT MAC INDICATOR	U02	
Q181	ENGINE FIRE SWITCHLIGHTS	R01010X	
Q182	LEFT WINDOW SEVERANCE HANDLE	D070101	
Q183	RIGHT WINDOW SEVERANCE HANDLE	D070102	
Q184	ESCAPE HATCH SEVERANCE HANDLE		
Q185	OXYGEN REGULATOR		
Q186	EJECTION SEAT PARACHUTE		
Q187	SURVIVAL KIT		
Q188	CIRCUIT BREAKERS		
Q19	DSO CHECKLIST		
Q20	WARNING-CAUTION LIGHTS		
Q21	CREW MODULE DOOR		
Q22	PILOT ICS	PILOTICS	
Q23	AIR-VEHICLE	A-V	
Q24	VSD		
Q25	TOE BRAKES	TOE BREAKS	
Q26	COPILOTS UHF		
Q27	EJECTION PINS		
Q28	FLIGHT LOG		
Q29	IN FLIGHT PROGRESS CHART		
Q30	FLIGHT PERFORMANCE INDICATORS		
Q31	PARKING BRAKE	PARKING BRAKES	
Q32	PILOTS UHF	UHF	
Q33	FLASH PROTECTION WINDOW		
Q34	IN-FLIGHT PROGRESS CHART		
Q35	CREW STATION		
Q36	EWO MISSION TAPE		
Q37	X-HAIR CURSORS		
Q38	RANGE CURSORS		
Q39	RADAR CURSORS		
Q40	CAUTION-WARNING LIGHTS		
Q41	EXECUTION MESSAGE		
Q42	CLIMATIC COVERS		
Q43	CMF CONTAINER		
Q44	PUBLICATIONS		
Q45	COMMUNICATION LEADS		
Q46	FORM 761		
Q47	GROUND SAFETY PINS AND LOCKS	GROUND SAFETY LOCKS GROUND SAFETY PINS	
Q48	BOMB		
Q49	STORES STATIONS		
Q50	PRE-PLANNED DATA SHEET		
Q51	HHCL	H-HOUR CONTROL LINE	
Q52	A-V EXTERIOR	A-V EXT A-V EXTERNAL	
Q53	PERSONAL GEAR		
Q54	COMBAT MISSION FOLDER	COMBAT MISSION FILE	
Q55	A-3 BAGS		
Q56	ALERT CHECKLIST		
Q57	CHECKLIST 'PWR ON'		

PAGE 33
CODE

NAME

SYNONYMS

PANEL

Q58	GROUND OBSERVER ICS	GO ICS	
Q59	FORCES		
Q60	PROPRIOCEPTION		
Q61	FLOODLIGHTS		
Q62	STORES	WEAPONS	
Q63	FLASH PROTECTION DEVICES	FLASH PROTECTION	
Q64	EXT CREW ENTRYWAY INSPECTION	ENTRYWAY INSPECTION	
Q65	HEADSETS	HELMETS	
Q66	OXYGEN MASK	O2 MASK	
Q67	BOOM OPERATOR UHF		
Q68	TANKER PILOT UHF		
Q69	TANKER COPILOT UHF		
Q70	CLIMBOUT CHECKLIST		
Q71	ANGLE OF ATTACK VANES	AOA VANES	
Q72	GUARDED A-V	GUARDED A-V	
Q73	A-V SURFACES	SURFACES	
Q74	EXTERIOR INSPECTION ROUTE		
Q75	A-V ACCESS DOORS AND COVERS	ACCESS DOORS COVERS	
Q76	ROCKWELL INTERNATIONAL	RT	
Q77	STRATEGIC AIR COMMAND	SAC	
Q78	PWR-OFF FUEL VALVES AND PUMPS		
Q79	TFR FAIL INDICATORS		
Q80	CHECK POINT		
Q81	FIDUCIALS		
Q82	A-V WINDOWS		
Q83	TARGET		
Q84	TARGET DAMAGE		
Q85	A-V	AIR VEHICLE	
Q86	A-V EXTERIOR INSPECTION ROUTE	EXTERIOR INSPN RTE	
Q87	ACCESS DOORS AND COVERS		
Q88	OSU CIRCUIT BREAKERS		
Q89	A-V CREW STATIONS		
Q90	PENETRATION & APPR PROCEDURES		
Q91	CITS ICS		
Q92	LANDING DATA		
Q93	LOW ALTITUDE CALIBRATION		
Q94	GROUND PINS AND LOCKS		
Q95	FUEL TRUCKS		
Q96	FUEL LOG		
Q97	SERVICING NOZZLES		
Q98	NOZZLE GROUNDING CABLES		
Q99	A-V SERVICING ADAPTER COVERS		
RC1010X	FIRE WARN & EXTGH PANEL	ENG FIRE	CEN
RC10101	#1 ENGINE FIRE SWITCHLIGHT	ENGINE FIRE	CEN
RC10102	#2 ENGINE FIRE SWITCHLIGHT	ENG FIRE	CEN
RC10103	#3 ENGINE FIRE SWITCHLIGHT	ENGINE FIRE	CEN
RC10104	#4 ENGINE FIRE SWITCHLIGHT	ENG FIRE	CEN
RC1020X	APU FIRE SWITCHLIGHTS	ENGINE FIRE	CEN
		APU FIRE	CEN
		AUX POWER UNIT	

PAGE 34 CODE	NAME	SYNONYMS	PANEL
R010201	LEFT APU FIRE SWITCHLIGHT	APU FIRE	CEN
R010202	RIGHT APU FIRE SWITCHLIGHT	AUX POWER UNIT APU FIRE	CEN
R01030X	AGENT DISCHARGE SWITCHES	AUX POWER UNIT AGENT DISCH	CEN
R010301	LEFT AGENT DISCHARGE SWITCH	L AGENT DISCH R AGENT DISCH	CEN
R010302	RIGHT AGENT DISCHARGE SWITCH	AGENT DISCH L AGENT DISCH R AGENT DISCH	CEN
R01040X	APU FIRE-ENG FIRE SWITCHES		CEN
R010401	LT APU-ENG 1&2 BUTTON RESET SW		CEN
R010402	RT APU-ENG 3&4 BUTTON RESET SW		CEN
R01050X	MAIN AGENT DISCHARGE LIGHTS	MAIN AGENT DISCH	CEN
R010501	LT MAIN AGENT DISCHARGE LIGHT	MAIN AGENT DISCH	CEN
R010502	RT MAIN AGENT DISCHARGE LIGHT	MAIN AGENT DISCH	CEN
R01060X	RES AGENT DISCHARGE LIGHTS	RES AGENT DISCH	CEN
R010601	LT RES AGENT DISCHARGE LIGHT	RES AGENT DISCH	CEN
R010602	RT RES AGENT DISCHARGE LIGHT	RES AGENT DISCH	CEN
R0107	FIRE WARN & EXTGH TEST SW		CEN
R02	FIRE DETECTION & TEST PANEL	FIRE DETR	OHD
R02010X	ENG-ADG SELECTOR SWITCHES	FIRE DETR PANEL	OHD
R020101	#1 LOOP LOCKOUT SWITCH	LOOP LOCKOUT SWITCH	OHD
R020102	#2 LOOP LOCKOUT SWITCH	LOOPS A,B SWITCHES	OHD
R020103	#3 LOOP LOCKOUT SWITCH	LOOP LOCKOUT SWITCH	OHD
R020104	#4 LOOP LOCKOUT SWITCH	LOOPS A,B SWITCHES	OHD
R02020X	APU LOCKOUT SWITCHES	LOOP LOCKOUT SWITCH	OHD
R020201	LEFT APU LOCKOUT SWITCH	L APU LOCKOUT SWITCH	OHD
R020202	RIGHT APU LOCKOUT SWITCH	R APU LOCKOUT SWITCH	OHD
R0203010X	ENGINE-ADG LOOP A FIRE LIGHTS	L APU LOCKOUT SWITCH	OHD
R02030101	#1 LOOP A LIGHT	R APU LOCKOUT SWITCH	OHD
R02030102	#2 LOOP A LIGHT	L APU LOCKOUT SWITCH	OHD
R02030103	#3 LOOP A LIGHT	R APU LOCKOUT SWITCH	OHD
R02030104	#4 LOOP A LIGHT	L APU LOCKOUT SWITCH	OHD
R0203020X	APU LOOP A LIGHT	R APU LOCKOUT SWITCH	OHD
R02030201	LEFT APU LOOP A LIGHT	FIRE DETECTOR	OHD
R02030202	RIGHT APU LOOP A LIGHT	FIRE DETECTOR	OHD
R0204010X	ENGINE-ADG LOOP B FIRE LIGHTS	FIRE DETECTOR	OHD
R02040101	#1 LOOP B LIGHT	FIRE DETECTOR	OHD
R02040102	#2 LOOP B LIGHT	FIRE DETECTOR	OHD

PAGE 35
CODE

NAME

SYNONYMS

PANEL

R02040103
R02040104
R0204020X

#3 LOOP B LIGHT
#4 LOOP B LIGHT
APU LOOP B LIGHT

L APU LOOP B LIGHT
R APU LOOP B LIGHT
L APU LOOP B LIGHT
R APU LOOP B LIGHT
L APU LOOP B LIGHT
R APU LOOP B LIGHT

OHD
OHD
OHD

R02040201

LEFT APU LOOP B LIGHT

R02040202

RIGHT APU LOOP B LIGHT

R0205

FIRE DETR TEST SW (PUSHBUTTON)

R0206

FIRE DETECTION CAUTION LIGHT

S01010X

FLIGHT CONTROL STICK

S01010X03

FLIGHT DIRECTOR SWITCHLIGHT

S010101

PILOTS FLIGHT CONTROL STICK

S01010103

FLIGHT DIRECTOR SWITCHLIGHT-P

S010102

COPILOTS FLIGHT CONTROL STICK

S01010203

FLIGHT DIRECTOR SWITCHLIGHT-C

S010204

STICK SHAKER SWITCH

S010301

PILOT'S FLT CONTR TRIM PNL

S01030101

PILOT STBY PITCH SWITCH

S01030102

PILOT YAW SWITCH

S010302

COPILOT'S FLT CONTR TRIM PNL

S01030201

COPILOT STBY PITCH SWITCH

S01030202

COPILOT YAW SWITCH

S0103020301

TRIM FOR TAKEOFF (TTO) SWITCH

S0103020302

TRIM FOR TAKEOFF LIGHT

S010303

PLT TRIM SW (ON CONTR STICK)

FIRE DETR LIGHT

FLT DIR SWITCHLIGHT

FLT DIR SWITCHLIGHT

FLT DIR SWITCHLIGHT
STICK SHAKER

OHD
CEN
PCP
PCP
PCP
PIL
PCP
COP
RTCN

LCN
LCN

CPD

CPD

TO

TTO LIGHT

COOLIE HAT SWITCH

S10304

TRIM SWITCH-COPILOT

CPD

CPD

CPD

PCP

S010304

CPLT TRIM SW (ON CONTR STICK)

S0104

FLIGHT CONTROL POWER PANEL

S010401

PITCH TRIM SWITCH

S010402

ROLL TRIM SWITCH

S010403

YAW TRIM SWITCH

S010404

PITCH AUG SWITCH

S010405

ROLL AUG SWITCH

S010406

YAW AUG SWITCH

S010407

FLAP-SLAT RESET SWITCH

S010408

SPOILER SWITCH

S010409

ALTERNATE WING SWEEP SWITCH

ALTER WG SWP

ALTER WG SWP SEL SW

ALTER WG SWP SWITCH

SPDBK

SPDBK SWITCH

CPD

CPD

CPD

CPD

CPD

CPD

CPD

CPD

CPD

CPD

S010410

SPD BRK SWITCH

S010411

SMCS SWITCH

S0105

FLT CONTR STCK DISCONNECT HNDL

S01060X01

RUDDER PEDALS

S01060X02

RUDDER PEDAL ADJ HANDLES

S01060101

PILOTS RUDDER PEDALS

S01060102

PILOTS RUDDER PEDAL ADJ HANDLE

S01060201

COPILOTS RUDDER PEDALS

S01060202

COPLTS RUDDER PEDAL ADJ HANDLE

S010701

PITCH AUG 1 CAUTION LIGHT

S010702

PITCH AUG OFF CAUTION LIGHT

S010703

ROLL AUG 1 CAUTION LIGHT

S010704

ROLL AUG OFF CAUTION LIGHT

FLT CONT STICK DISC

RUD PEDAL ADJ

RUD PEDAL ADJ

RUD PEDAL ADJ

PITCH AUG 1 LIGHT

PITCH AUG OFF LIGHT

ROLL AUG 1 LIGHT

ROLL AUG OFF LIGHT

CPD

CPD

PIL

PCP

PCP

PCP

PCP

PCP

PCP

CEN

CEN

CEN

CEN

PAGE 36
CODE

NAME

SYNONYMS

PANEL

S010705	YAW AUG 1 CAUTION LIGHT	YAW AUG 1 LIGHT	CEN
S010706	YAW AUG OFF CAUTION LIGHT	YAW AUG OFF LIGHT	CEN
S010707	YAW LIMITER CAUTION LIGHT	YAW LIMITER LIGHT	CEN
S010708	PITCH TRIM CAUTION LIGHT	PITCH TRIM LIGHT	CEN
S02010X	WING SWEEP HANDLES		LRCN
S02010X02	ENGAGE SWITCHLIGHT		PCP
S020101	PILOTS WING SWEEP HANDLE		LRCN
S02010102	ENGAGE SWITCHLIGHT-PIL		PIL
S020102	COPILOTS WING SWEEP HANDLE		LRCN
S02010202	ENGAGE SWITCHLIGHT-COP		COP
S0202	FLAP-SLAT CONTROL HANDLE	FLAP-SLAT HANDLE	CPD
S020301	PILOTS SPD BRK CONTR #4 THROT	SPD BRK CONTROL-PIL	LCN
S020302	COPLTS SPD BRK CONTR #4 THROT	SPD BRK CONTROL-CO	CPD
S02040X	FLAP/WING WARNING LIGHTS	FLAP/WING LIGHTS	PCP
S020401	PILOTS FLAP-WING WARNING LGTS	FLAP/WING LIGHTS	PCP
S020402	COPLTS FLAP-WING WARNING LGTS	FLAP/WING LIGHTS	PCP
S03010X	AFCS MODE SELECTION PANEL	AFCS MODE SELECT	PCP
S03010X01	TAKE COMMAND PUSHBUTTON	TAKE COMD	PCP
S03010X02	ENGAGE PUSHBUTTONS		
S03010X03	FLT DIR PUSHBUTTON		
S03010X04	ALTITUDE HOLD PUSHBUTTON	ALT SWITCHLIGHT	PCP
S03010X05	A-S (AIRSPEED HOLD) PUSHBUTTON	A/S SWITCHLIGHT	PCP
S03010X06	MACH (MACH HOLD) PUSHBUTTON	MACH SWITCHLIGHT	PCP
S03010X07	TERRAIN FOLLOWING PUSHBUTTON	TER FLW SWITCHLIGHT	PCP
S030101	PILOTS AFCS MODE SELECT PANEL	AFCS MODE SELECT	PCP
S03010101	PILOTS TAKE COMMAND PUSHBUTTON	TAKE COMD	PCP
S03010102	PILOTS ENGAGE PUSHBUTTON		
S03010103	PILOTS FLT DIR PUSHBUTTON		
S03010104	PLTS ALTITUDE HOLD PUSHBUTTON	ALT SWITCHLIGHT	PCP
S03010105	PILOT AIRSPEED HOLD PUSHBUTTON	A/S SWITCHLIGHT	PCP
S03010106	PLTS MACH (MACH HOLD) PSHBTN	MACH SWITCHLIGHT	PCP
S03010107	PILOTS TER FLWG PUSHBUTTON	TER FLW SWITCHLIGHT	PCP
S03010108	PILOTS AUTO THROT PUSHBUTTON	AUTO THROT LIGHT AUTO THROT SWLIGHT S3010208	PCP
S03010109	AUTO THROT CAUTION LIGHT		PIL
S03010201	COPLTS TAKE COMMAND PUSHBUTTON	TAKE COMD	PCP
S03010202	COPILOTS ENGAGE PUSHBUTTON		
S03010203	COPILOTS FLT DIR PUSHBUTTON		
S03010204	CPLTS ALTITUDE HOLD PUSHBUTTON	ALT SWITCHLIGHT	PCP
S03010205	COPLT AIRSPEED HOLD PUSHBUTTON	A/S SWITCHLIGHT	PCP
S03010206	CPLTS MACH (MACH HOLD) PSHBTN	MACH SWITCHLIGHT	PCP
S03010207	COPILOTS TER FLWG PUSHBUTTON	TER FLW SWITCHLIGHT	PCP
S030201	SPOILER 1 CAUTION LIGHT	SPOILER 1 LIGHT	CEN
S030202	SPOILER OFF CAUTION LIGHT	SPOILER OFF LIGHT	CEN
S030203	FLAP 1 CAUTION LIGHT	FLAP 1 LIGHT	CEN
S030204	FLAP OFF CAUTION LIGHT	FLAP OFF LIGHT	CEN
S03020501	AFCS ROLL CAUTION LIGHT	AFCS ROLL LIGHT	CEN
S03020502	AFCS APRCH ROLL CAUTION LIGHT	AFCS APRCH ROLL	PIL
S03020601	AFCS PITCH CAUTION LIGHT	AFCS PITCH LIGHT	CEN
S03020602	AFCS APRCH PITCH CAUTION LIGHT	AFCS APRCH PITCH LT	PIL
S03030X	AFCS INTERRUPT-DISENGAGE CNTRL	AFCS DISENGAGE AFCS PITCH INTERRUPT	PCP
S030301	PILOT AFCS INTRPT-DISENG CNTRL		PIL
S030302	CPLT AFCS INTRPT-DISENG CNTRL		COP

PAGE 37
CODE

NAME

SYNONYMS

PANEL

CODE	NAME	SYNONYMS	PANEL
S0401	SMCS CAUTION LIGHT		CEN
U01	FUEL MGMT PNL		
U01010X	FUEL QUANTITY INDICATORS	QTY TAPE INDICATOR	CEN
U010101	FUS #3 QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010102	FUS #2 QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010103	WG L QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010104	WG R QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010105	FUS #1 QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010106	FUS #4 QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010107	MAIN L QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U010108	MAIN R QTY TAPE INDICATOR	QTY TAPE INDICATOR	CEN
U01020X	FILL VALVE SWITCHES		
U010201	ST BAY FILL VALVE SWITCH		CEN
U010202	#3 FILL VALVE SWITCH		CEN
U010203	#2 FILL VALVE SWITCH		CEN
U010204	L WG FILL VALVE SWITCH		CEN
U010205	R WG FILL VALVE SWITCH		CEN
U010206	#1 FILL VALVE SWITCH		CEN
U010207	#4 FILL VALVE SWITCH		CEN
U01030X	MAIN FILL VALVE SWITCHES		
U010301	L MAIN FILL VALVE SWITCH		CEN
U010302	R MAIN FILL VALVE SWITCH		CEN
U01040X	TRANSFER PUMP SWITCHES		
		TANK TRANSFER SWITCH	
		TRANS PUMPS	
U010401	FWD ST BAY TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010402	INTMD ST BAY TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010403	#3 TANK TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010404	#2 TANK TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010405	L WG TANK TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010406	R WG TANK TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010407	#1 TANK TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U010408	#4 TANK TRANSFER SWITCH	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
U0105	BALLAST TANK ISOLATION SWITCH	BLST TK ISLN SWITCH	CEN
U010601	CROSSFEED SWITCH	FUEL XFEED	CEN
		XFEED	
U01060201	L FUEL BOOST CAUTION LIGHT	L FUEL BOOST	CEN
U01060202	R FUEL BOOST CAUTION LIGHT	R FUEL BOOST	CEN
U010603	FUEL LOW CAUTION LIGHT	FUEL LOW LEGEND LT	CEN
U0107	SEQUENCE SWITCH	SEQ SWITCH	CEN
U01080X	SELECT QUANTITY DIGITAL READ	QTY LBS	CEN
		READOUT	
U010801	UPPER DIGITAL READOUT (QTY LB)	QTY LBS	CEN
		READOUT	
U010802	LOWER DIGITAL READOUT (QTY LB)	QTY LBS	CEN
		READOUT	
U0109	SELECT TANK SWITCH	SEL TK	CEN
		SEL TK SWITCH	

PAGE 38
CODE

NAME

SYNONYMS

PANEL

U0110	TRANS PMP GEOGRAPHIC SCHEMATIC		CEN
U0111	DUMP SWITCH		CEN
U0112	LN2 INERTING SWITCH	LN2 INERT SWITCH	CEN
U0113	FUEL & CENTER OF GRAVITY SW	FUEL & CG TEST	CEN
U02	PERCENT MACH INDICATOR		CLN
U020201	FWD CG LIMITS POINTER		
U020202	AFT CG LIMITS POINTER		
U02030X	TAPE POINTER		
U020301	ACTUAL TAPE POINTER		
U020302	TARGET TAPE POINTER		
U0204	GROSS WT DIGITAL COUNTER	GROSS WT	CEN
U03	TOTAL FUEL QUANTITY INDICATOR	TOTAL FUEL QTY	CEN
U0301	SCALE READOUT-FUEL-QTY		
U0302	COUNTER READOUT-TOTAL FUEL		
U0401	CENTER OF GRAVITY CONTROL PNL	CG CG CONTROL PANEL	CEN
U04010101	CRUISE MODE SELECT SWITCH	CRUISE MODE SWITCH	CEN
U04010102	SYSTEM SELECT SWITCH	SYS SELECT SWITCH	CEN
U040103	SET MODE & MAC SELECTOR SW	SET MODE & MAC	CEN
U040201	CG LIMITS CAUTION LIGHT	CG LIMITS	CEN
U040202	CG CAUTION LIGHT	CG LT	CEN
U040203	SEL ST OUT AFT LMTS CTN LIGHT		CEN
U040204	SEL ST OUT FWD LMTS CTN LIGHT		CEN
U05	FUEL FLOW INDICATOR-I		
U050X	FUEL FLOW INDICATOR	U05	CEN
U0501	SCALE READOUT	U05	CEN
U0502	COUNTER READOUT-FUEL FLOW	U05	CEN
U0503	POWER OFF FLAG	U05	CEN
U06	AERIAL REFUEL CONTROL PANEL	AERIAL REFUEL AERIAL REFUEL PANEL	OHD
U0601	SLIPWAY DOOR HANDLE		OHD
U060101	OPEN-UNLOCKED CAUTION LIGHT	OPEN UNLK OPEN UNLK CAUTION LT OPEN-UNLKD LIGHT	OHD
U060201	EXTERIOR LIGHTS SWITCH	EXT EXT LIGHTS SWITCH	OHD
U060202	ANNUNCIATOR LIGHTS SWITCH	ANN LIGHTS ANN LIGHTS SWITCH	OHD
U060203	SLIPWAY LIGHTS SWITCH		OHD
U06030101	MODE SWITCH (OVERRIDE)	MODE SWITCH (ORIDE)	OHD
U06030103	MODE SWITCH (REVERSE)	MODE SWITCH (REV)	OHD
U060302	OVERRIDE CAUTION LIGHT	ORIDE LIGHT	OHD
U060304	OPEN-UNLOCKED CAUTION LIGHT		OHD
U060401	READY-NWS ADVISORY LIGHT	READY-NWS READY-NWS LIGHT	CEN
U060402	LATCHED ADVISORY LIGHT	LATCHED LATCHED ADVISORY LT	CEN
U060403	DISCONNECT CAUTION LIGHT	DISC DISC ADVISORY LIGHT	CEN
U0605	AERIAL REFUEL DISC SWITCH	A-R DISC & RESET SW U0606	PCP
U07	GROUND REFUEL PANEL		
U0701	VERTICAL STRAIGHT SCALES		
U070101	POWER CONTROL SWITCH		
U070102	POWER ON ADVISORY LIGHT		

PAGE 39
CODE

NAME

SYNONYMS

PANEL

U0702	THUMBWHEELS		
U070201	LCV TEST SHUTOFF SWITCH		
U07020201	LCV TEST FLOW SWITCH-LEFT		
U07020202	LCV TEST FLOW SWITCH-RIGHT		
U070203	LCV FAIL WARNING SWITCHLIGHT		
U0703	CG FAIL LEGEND LIGHT	CG FAIL	
U07030X	DIGITAL COUNTERS		A-V
U070301	DIGITAL COUNTERS		A-V
U070302	DIGITAL COUNTERS		A-V
U0704	FILL CONTROL ROTARY SELECTOR		
U070401	MODE CONTROL ROTARY SELECTOR		
U070402	TK 4 LCV CONTROL SWITCH		
U070403	TK 2 LCV CONTROL SWITCH		
U070404	TK 3 LCV CONTROL SWITCH		
U070405	WG LCV CONTROL SWITCH		
U070406	ST BAY LCV CONTROL SWITCH		
U070407	MAIN LCV CONTROL SWITCH		
U0705	FILL CONTROL SET TEST		
U070501	TK 1 THUMBWHEEL		
U07050102	TK1 MOVING POINTER		
U070502	TK 4 THUMBWHEEL		
U07050202	TK4 MOVING POINTER		
U070503	TK 2 THUMBWHEEL		
U07050302	TK2 MOVING POINTER		
U070504	TK 3 THUMBWHEEL		
U07050402	TK3 MOVING POINTER		
U0706	POWER ON LEGEND LIGHT		
U070601	DIGITAL COUNTERS	QTY LB TOTAL	
U070602	FILL V FAIL LEGEND LIGHT	FILL V FAIL FILL VALVE FAIL	
U070603	TANK SELECT ROTARY CONTROL		
U070604	FILL CONTROL SET TEST PSHBTN		
U0707	LEVEL CONTROL VALVES	FILL VALVES	
W0101	SEQUENCE POINT READOUT	PT-SEQ	PIL
W010101	POINT READOUT	PT-SEQ	PIL
W010102	SEQUENCE READOUT	PT-SEQ	PIL
W0102	TIME-TO-GO READOUT	HR-MIN-SEC	PIL
W0103	SAFE-INRANGE-STORES AWAY IND		PIL
W010301	SAFE INDICATOR		PIL
W010302	INRANGE INDICATOR	INRNG	PIL
W010303	STORES AWAY INDICATOR	AWAY INDICATOR	PIL
W0104	TYPE STORE INDICATOR	ST INDICATOR	PIL
W0105	NUCLEAR CONSENT SWITCH	NUCLEAR	PIL
W01060X	BAY LOCATION INDICATORS		PIL
W010601	BAY INDICATOR-FORWARD LIGHT		PIL
W010602	BAY INDICATOR-INTMD LIGHT		PIL
W010603	BAY INDICATOR-AFT LIGHT		PIL
W0107	BAY DOOR STATUS INDICATORS	PART-FULL W01070X01 W01070X02	PIL
W010701	FWD BAY DOOR STATUS IND		PIL
W010702	INTMD BAY DOOR STATUS IND		PIL
W010703	AFT BAY DOOR STATUS IND		PIL
W0108	CLOSE DOORS CONTROL	CL DOOR	PIL

PAGE 41
CODE

NAME _____

SYNONYMS

PANEL

W051402
W06
W07
W0702
W070201
W070202
W070203
W08

ALL-NORM SWITCH
SMS CRT READOUT ASSEMBLY-LEFT
SMS CRT READOUT ASSEMBLY-RIGHT
SMS CRT READOUT
DISPLAY TUBE SURFACE-SMS CRT
BRIGHTNESS CONTROL-SMS CRT
RESET SWITCH-SMS CRT
STORES DELIVERY PANEL

JETTISON-ALL-NORM

OSO
OSO
OSO
OSO
OSO
OSO
OSO
OSO

W0801
W0802
W080301
W080302
W0804
W0805
W0806
W080601
W080602
W080603
W080604
W080605
W080606
W080607
W0807

MISSILE DELIVERY CONTROL
NUCLEAR CAUTION SWITCH
BOMB MODE CONTROL
BOMB DELIVERY CONTROL
MISSILE MANUAL RELEASE
BOMB MANUAL RELEASE
ANNUNCIATOR INDICATOR-STORES
SAFE ANNUNCIATOR
IN RNG ANNUNCIATOR
DELIVERY RESTRICTION INDICATOR
FAULT ANNUNCIATOR
RELEASE SIGNAL ANNUNCIATOR
AWAY ANNUNCIATOR
BDA REQ ANNUNCIATOR
ST DLVY CAUTION LIGHT

SMS CRT

ST DLVY
STORES DELIVERY PNL
MSL DLVY

BOMB-MODE
BOMB-DLVY
MAN REL-MSL
MAN REL-BOMB

IN RANGE
RSTR ANNUNCIATOR

REL SIG INDICATOR

[illegible]

REPORT 2

Name/Code/Synonym/Panel Listings

PAGE 1
NAME

NAME	CODE	SYNONYMS	PANEL
#1 AIR HOT CAUTION LIGHT	N010501	AIR HOT LIGHTS	CEN
#1 AIR SOURCE CONTROL SWITCH	N010401		UHD
#1 BYPASS CRIT LEGEND LIGHT	A0103010101	CRIT LIGHT	CUP
#1 BYPASS BUZZ LEGEND LIGHT	A0103010102	BUZZ LIGHT	COP
#1 BLEED AIR CAUTION LIGHT	N010201	BLEED AIR	CEN
#1 BUS CAUTION LIGHT	L01080102	L01080X03 L01080103 L01080203	UHD
#1 CONSTANT SPD DRIVE MODE SEL	L01060101	1 CSD SW 2 CSD SW 3 CSD SW	UHD
#1 CSD CAUTION LIGHT	L01060102	1 CSD CAUTION LIGHT 2 CSD CAUTION LIGHT 3 CSD CAUTION LIGHT	UHD
#1 ENGINE OFF TAPE MARKER	J01060101		CEN
#1 ENGINE FIRE SWITCHLIGHT	R010101	ENG FIRE ENGINE FIRE	CEN
#1 ENGINE TAPE	J010601	NOZ POS INDICATOR	CEN
#1 ENGINE BLEED AIR SWITCH	N010101	ENG BLEED AIR	UHD
#1 ENG PWR LEVEL OFF IND	J01010101		CEN
#1 ENG OIL PRESS CAUTION LIGHT	J01070101		CEN
#1 FILL VALVE SWITCH	U010206		CEN
#1 FAN RPM INDICATOR	J010201		CEN
#1 FAN RPM WARNING LIGHT	J01020102		CEN
#1 FAN RPM CAUTION LIGHT	J01020101		CEN
#1 FF WARNING SIGNAL	J01040101		CEN
#1 GENERATOR CAUTION LIGHT	L01070102	1 GEN CAUTION LT 2 GEN CAUTION LT 3 GEN CAUTION LT	UHD
#1 GENERATOR MODE SWITCH	L01070101	1 GEN MODE SWITCH 2 GEN MODE SWITCH 3 GEN MODE SWITCH	UHD
#1 HYD QUANTITY INDICATOR	H010101	HYDRAULIC QTY GAGE	UHD
#1 HYD PRESSURE INDICATOR	H010201	HYDRAULIC PRESS GAGE	UHD
#1 LOOP LOCKOUT SWITCH	R020101	LOOP LOCKOUT SWITCH LOOPS A,B SWITCHES	UHD
#1 LOOP B LIGHT	R02040101		UHD
#1 LOOP A LIGHT	R02030101		UHD
#1 OIL PRESS INDICATOR TAPE	J010701	FIRE DETECTOR	CEN
#1 OIL QUANT OFF TAPE MARKER	J01080101	OIL PRESS INDICATOR	CEN
#1 OIL PRESS OFF MARKER	J01070102		CEN
#1 OIL QUANTITY TAPE INDICATOR	J010801		CEN
#1 OIL HOT ANNUNCIATOR	J080201		CEN
#1 TANK TRANSFER SWITCH	U010407	TANK TRANSFER SWITCH TRANS PUMPS	CEN
#1 THROTTLE LEVER	J030201	J0302	CUP
#1 THROTTLE LEVER	J030101	J0301	LCN
#2 AIR HOT CAUTION LIGHT	N010502	AIR HOT LIGHTS	CEN
#2 AIR SOURCE CONTROL SWITCH	N010402		UHD
#2 BYPASS BUZZ LEGEND LIGHT	A0103020102	BUZZ LIGHT	COP
#2 BYPASS CRIT LEGEND LIGHT	A0103020101	CRIT LIGHT	CUP
#2 BLEED AIR CAUTION LIGHT	N010202	BLEED AIR	CEN
#2 BUS CAUTION LIGHT	L01080103		UHD

PAGE 2

NAME	CODE	SYNONYMS	PANEL
#2 CONSTANT SPD DRIVE MODE SEL	L01060201	1 CSD SW 2 CSD SW 3 CSD SW	OHD
#2 CSD CAUTION LIGHT	L01060202	1 CSD CAUTION LIGHT 2 CSD CAUTION LIGHT 3 CSD CAUTION LIGHT	OHD
#2 ENGINE TAPE	J010602	NUZ POS INDICATOR	CEN
#2 ENGINE FIRE SWITCHLIGHT	R010102	ENG FIRE ENGINE FIRE	CEN
#2 ENGINE OFF TAPE MARKER	J01060201		CEN
#2 ENG PWR LEVEL OFF IND	J01010201		CEN
#2 ENGINE BLEED AIR SWITCH	N010102	ENG BLEED AIR	OHD
#2 ENG OIL PRESS CAUTION LIGHT	J01070201		CEN
#2 FF WARNING SIGNAL	J01040201		CEN
#2 FAN RPM WARNING LIGHT	J01020202		CEN
#2 FILL VALVE SWITCH	U010203		CEN
#2 FAN RPM INDICATOR	J010202		CEN
#2 FAN RPM CAUTION LIGHT	J01020201		CEN
#2 GENERATOR MODE SWITCH	L01070201	1 GEN MODE SWITCH 2 GEN MODE SWITCH 3 GEN MODE SWITCH	OHD
#2 GENERATOR CAUTION LIGHT	L01070202	1 GEN CAUTION LT 2 GEN CAUTION LT 3 GEN CAUTION LT	OHD
#2 HYD PRESSURE INDICATOR	H010202	HYDRAULIC PRESS GAGE	OHD
#2 HYD QUANTITY INDICATOR	H010102	HYDRAULIC QTY GAGE	OHD
#2 LOOP A LIGHT	R02030102	FIRE DETECTOR	OHD
#2 LOOP B LIGHT	R02040102		OHD
#2 LOOP LOCKOUT SWITCH	R020102	LOOP LOCKOUT SWITCH LOOPS A,B SWITCHES	OHD
#2 OIL QUANTITY TAPE INDICATOR	J010802		CEN
#2 OIL HOT ANNUNCIATOR	J080202		CEN
#2 OIL PRESS OFF MARKER	J01070202		CEN
#2 OIL PRESS INDICATOR TAPE	J010702	OIL PRESS INDICATOR	CEN
#2 OIL QUANT OFF TAPE MARKER	J01080201		CEN
#2 THROTTLE LEVER	J030202	J0302	CPD
#2 TANK TRANSFER SWITCH	U010404	TANK TRANSFER SWITCH TRANS PUMPS	CEN
#2 THROTTLE LEVER	J030102	J0301	LCN
#3 BLEED AIR CAUTION LIGHT	N010203	BLEED AIR	CEN
#3 BUS CAUTION LIGHT	L01080202	L01080X03 L01080103 L01080203	OHD
#3 BYPASS CRIT LEGEND LIGHT	A0103030101	CRIT LIGHT	COP
#3 BYPASS BUZZ LEGEND LIGHT	A0103030102	BUZZ LIGHT	COP
#3 CSD CAUTION LIGHT	L01060302	1 CSD CAUTION LIGHT 2 CSD CAUTION LIGHT 3 CSD CAUTION LIGHT	OHD
#3 CONSTANT SPD DRIVE MODE SEL	L01060301	1 CSD SW 2 CSD SW 3 CSD SW	OHD
#3 ENGINE BLEED AIR SWITCH	N010103	ENG BLEED AIR	OHD
#3 ENGINE FIRE SWITCHLIGHT	R010103	ENG FIRE ENGINE FIRE	CLN
#3 ENGINE OFF TAPE MARKER	J01060301		CEN

NAME	CODE	SYNONYMS	PANEL
#3 ENG PWR LEVEL OFF IND	J01010301		CEN
#3 ENG OIL PRESS CAUTION LIGHT	J01070301		CEN
#3 ENGINE TAPE	J010603	NOZ POS INDICATOR	CEN
#3 FILL VALVE SWITCH	U010202		CEN
#3 FF WARNING SIGNAL	J01040301		CEN
#3 FAN RPM WARNING LIGHT	J01020302		CLN
#3 FAN RPM CAUTION LIGHT	J01020301		CEN
#3 FAN RPM INDICATOR	J010203		CEN
#3 GENERATOR CAUTION LIGHT	L01070302	1 GEN CAUTION LT 2 GEN CAUTION LT 3 GEN CAUTION LT	OHD
#3 GENERATOR MODE SWITCH	L01070301	1 GEN MODE SWITCH 2 GEN MODE SWITCH 3 GEN MODE SWITCH	OHD
#3 HYD QUANTITY INDICATOR	H010103	HYDRAULIC QTY GAGE	OHD
#3 HYD PRESSURE INDICATOR	H010203	HYDRAULIC PRESS GAGE	OHD
#3 LOOP B LIGHT	R02040103		OHD
#3 LOOP A LIGHT	R02030103	FIRE DETECTOR	OHD
#3 LOOP LOCKOUT SWITCH	R020103	LOOP LOCKOUT SWITCH LOOPS A,B SWITCHES	OHD
#3 OIL QUANT OFF TAPE MARKER	J01080301		CEN
#3 OIL QUANTITY TAPE INDICATOR	J010803		CEN
#3 OIL PRESS INDICATOR TAPE	J010703	OIL PRESS INDICATOR	CEN
#3 OIL PRESS OFF MARKER	J01070302		CEN
#3 OIL HOT ANNUNCIATOR	J080203		CEN
#3 THROTTLE LEVER	J030203	J0302	CPD
#3 TANK TRANSFER SWITCH	U010403	TANK TRANSFER SWITCH TRANS PUMPS	CEN
#3 THROTTLE LEVER	J030103	J0301	LCN
#4 BLEED AIR CAUTION LIGHT	N010204	BLEED AIR	CEN
#4 BYPASS BUZZ LEGEND LIGHT	A0103040102	BUZZ LIGHT	CUP
#4 BUS CAUTION LIGHT	L01080203		OHD
#4 BYPASS CRIT LEGEND LIGHT	A0103040101	CRIT LIGHT	COP
#4 ENGINE BLEED AIR SWITCH	N010104	ENG BLEED AIR	OHD
#4 ENGINE TAPE	J010604	NOZ POS INDICATOR	CEN
#4 ENGINE OFF TAPE MARKER	J01060401		CEN
#4 ENG OIL PRESS CAUTION LIGHT	J01070401		CEN
#4 ENGINE FIRE SWITCHLIGHT	R010104	ENG FIRE ENGINE FIRE	CEN
#4 ENG PWR LEVEL OFF IND	J01010401		CEN
#4 FAN RPM WARNING LIGHT	J01020402		CEN
#4 FF WARNING SIGNAL	J01040401		CEN
#4 FAN RPM CAUTION LIGHT	J01020401		CEN
#4 FILL VALVE SWITCH	U010207		CEN
#4 FAN RPM INDICATOR	J010204		CEN
#4 HYD QUANTITY INDICATOR	H010104	HYDRAULIC QTY GAGE	OHD
#4 HYD PRESSURE INDICATOR	H010204	HYDRAULIC PRESS GAGE	OHD
#4 LOOP LOCKOUT SWITCH	R020104	LOOP LOCKOUT SWITCH LOOPS A,B SWITCHES	OHD
#4 LOOP A LIGHT	R02030104	FIRE DETECTOR	OHD
#4 LOOP B LIGHT	R02040104		OHD
#4 OIL QUANT OFF TAPE MARKER	J01080401		CEN
#4 OIL PRESS OFF MARKER	J01070402		CEN
#4 OIL QUANTITY TAPE INDICATOR	J010804		CEN
#4 OIL HOT ANNUNCIATOR	J080204		CLN

NAME	CODE	SYNONYMS	PANE
#4 OIL PRESS INDICATOR TAPE	J010704	OIL PRESS INDICATOR	CEN
#4 THROTTLE LEVER	J030104	J0301	LCN
#4 TANK TRANSFER SWITCH	U010408	TANK TRANSFER SWITCH	CEN
		TRANS PUMPS	
#4 THROTTLE LEVER	J030204	J0302	CPD
'DIS MODE' SWITCH	B010105		
A-S (AIRSPEED HOLD) PUSHBUTTON	S03010X05	A/S SWITCHLIGHT	PCP
A-V FWD & ITMD FUS & WPNS BAYS	Q114		
A-V CREW STATIONS	Q89		
A-V ENTRYWAY EQUIPMENT	Q104		
A-V NOSE LDG GEAR & EQUIPMENT	Q103		
A-V SURFACES	Q73	SURFACES	
A-V FWD & ITMD FUS & WPNS BAYS	Q105		
A-V ENGINE EXHAUST DUCTS	Q108		
A-V	Q85	AIR VEHICLE	
A-V L&R WG CARRY THRU & WGS	Q107		
A-V L&R NACELLES EXTERIOR	Q106		
A-V WINDOWS	Q82		
A-V EXTERIOR INSPECTION ROUTE	Q86	EXTERIOR INSPN RTE	
A-V EXTERIOR	Q52	A-V EXT	
		A-V EXTERNAL	
A-V ACCESS DOORS AND COVERS	Q75	ACCESS DOORS COVERS	
A-V NOSEWHEEL STRUT	Q02		
A-V MAIN LANDING GEAR	Q110		
A-V AFT INTMD FUSELAGE EXTER	Q111		
A-V NOSE	Q03		
A-V CREW MODULE	Q11		
A-V ENGINE AIR INLET DUCTS	Q109		
A-V L & R NACELLES EXTERIOR	Q112		
A-V CREW MODULE ENTRY	Q04	A-V CREW ENTRY	
A-V FORWARD FUSELAGE	Q102		
A-V GROUNDING CABLES	Q101		
A-V SERVICING ADAPTER COVERS	Q99		
A-V SEATS	Q09	A-V SEAT	
A-V ENTRY LADDER	Q08		
A-V L & R WG CARRY THRU & WGS	Q113		
A-3 BAGS	Q55		
ACCESSORY DRIVE SYSTEM ANNUNC	J08030X	ADS ANNUNCIATORS	CEN
ACCESS DOORS AND COVERS	Q87		
ACTUAL TAPE POINTER	U020301		
ACU DATA TRANSFER CONTROL	E070108		
ADC TEST SWITCH-PILOT	F01060103	ADC TEST SWITCH	OSO
ADC RGA SWITCH-PILOT	F01060102	ADC RGA	LRCN
		ADC RGA SWITCH	
ADC CAUTION INDICATOR-1	F0106030201	ADC 1	PIL
		ADC 2	
ADC RGA SWITCH-COPILOT	F01060202	ADC RGA SWITCH-COP	RCN
		ADC RGA-COP	
ADC TEST SWITCH-CUPILOT	F01060203	ADC TEST SWITCH	LRCN
ADC CAUTION INDICATOR-2	F0106030202	ADC 1	PIL
		ADC 2	
ADC CAUTION INDICATOR	F010603020X	ADC 1	PIL
		ADC 2	
ADS COUPLE SWITCH	Q118		
ADVANCE SWITCH	E070102	ADV	OSO

PAGE 5
NAME

NAME	CODE	SYNONYMS	PANEL
AERIAL REFUEL CONTROL PANEL	U06	AERIAL REFUEL	OHD
AERIAL REFUEL DISC SWITCH	U0605	AERIAL REFUEL PANEL A-R DISC & RESET SW U0606	PCP
AFC-MFC CONTROL	E060202		OSO
AFC INTERRUPT-DISENGAGE CNTRL	S03030X	AFC DISENGAGE	PCP
AFC APRCH PITCH CAUTION LIGHT	S03020602	AFC PITCH INTERRUPT	PIL
AFC PITCH CAUTION LIGHT	S03020601	AFC APRCH PITCH LT	CEN
AFC MODE SELECTION PANEL	S03010X	AFC PITCH LIGHT	PCP
AFC APRCH ROLL CAUTION LIGHT	S03020502	AFC MODE SELECT	PIL
AFC ROLL CAUTION LIGHT	S03020501	AFC APRCH ROLL	CEN
AFT BAY DOOR STATUS IND	W010703	AFC ROLL LIGHT	PIL
AFT COMPT HOT CAUTION LIGHT	N010906	COMP HOT LIGHTS	CEN
AFT BAY DOOR CONTROL	W051003		OSO
AFT EMERGENCY LIGHT	CC10202		
AFT CG LIMITS POINTER	U020202		
AFT BAY OPEN LIGHT	W040103		CEN
AFT STA CHUTE DEPLOYMENT	D0202	CHUTE DEPLOY-AFT	
AFT STA RISER CUTTER CONTROL	D0302	RISER CUTTER-AFT	
AFT-DSBL SLU SWITCH	E080503	SLU	OSO
AGENT DISCHARGE SWITCHES	R01030X	AGENT DISCH L AGENT DISCH R AGENT DISCH	CEN
AICS CONTROL PANEL	A02		OHD
AICS NORM CAUTION LIGHT	A01040X		CEN
AICS CAUTION LIGHT	A0104		CEN
AICS PANEL	A01	AICS	COP
AICS CONTROL SWITCH	A02010X		OHD
AICS CONTROL SWITCH 1	A020101		OHD
AICS CONTROL SWITCH 4	A020104		OHD
AICS CONTROL SWITCH 3	A020103		OHD
AICS CONTROL SWITCH 2	A020102		OHD
AILA INDICATOR	E04010704		OSO
AIR SOURCE CONTROL SWITCHES	N01040X		OHD
AIR OUTLETS	Q159		
AIR DATA COMPUTER TEST SWITCH	F01060X03	ADC TEST SWITCH	LRCN
AIR-VEHICLE	Q23	A-V	
AIRBORNE JETTISON-ALL STORES	W0203	ABN-NORM:ALL	OHD
AIRBORNE JETTISON-EXTNL STORES	W0202	ABN-NORM:EXT	OHD
AIRCRAFT SYMBOL	F04010102		
AIRCRAFT SYMBOL	F01020X16		PCP
AIRCRAFT SYMBOL-PILOT	F01020116		PCP
AIRCRAFT SYMBOL-COPILOT	F01020216		PCP
AIRSPEED DISPLAY	F01010X1010		PCP
AIRSPEED MOVING SCALE	F01030X01		PCP
AIRSPEED INDICATOR INDEX LINE	F01030X02		PCP
AIRSPEED FAIL-POWER OFF FLAG	F01030X03		PCP
AIRSPEED CMD SLEW SWITCH-COP	F01030206		PCP
AIRSPEED FAIL-PWR OFF-COPILOT	F01030203		PCP
AIRSPEED CMD SLEW SWITCH-PIL	F01030106		PCP
AIRSPEED COMMAND SLEW SWITCH	F01030X06		PCP
AIRSPEED MOVING SCALE-PILOT	F01030101		PCP
AIRSPEED IND LINE-PILOT	F01030102		PCP
AIRSPEED IND LINE-COPILOT	F01030202		PCP

PAGE 6
NAME

CODE

SYNONYMS

PANEL

AIRSPED MOVING SCALE-COPILOT	F01030201		PCP
AIRSPED FAIL-PWR OFF-PILOT	F01030103		PCP
AIRSPED DISPLAY-COPILOT	F0101021010		PCP
AIRSPED-MACH INDICATOR	F0202	AIRSPED-MACH IND	CEN
AIRSPED-ALTITUDE INDICATOR	F040301		USO
AIRSPED-ALTITUDE INDICATOR SW	F04030101		CEN
AIRSPED DIAL	F020201	IAS SCALE	CEN
AIRSPED MARKER	F020204		CEN
AIRSPED-MACH POINTER	F020202		CEN
AIRSPED MARKER SET KNOB	F020205		CEN
AIRSPED DISPLAY-PILOT	F0101011010		PCP
AIRSPED-MACH NUMBER INDICATOR	F01030X	AMI	PCP
AISLE LIGHTING CONTROL	C010115		OHD
ALERT START PUSHBUTTON	Q05		
ALERT START PUSH BUTTON	Q06		
ALERT CHECKLIST	Q56		
ALL NON-ESSENTIAL ELECT EQUIP	Q160		
ALL-NORM SWITCH	W051402	JETTISON-ALL-NORM	USO
ALPHA-NUMERIC CONTROL	E070104		USO
ALT REF-TER FLW SWITCH	F01050X02		PCP
ALT REF-TER FLW SW-COPILOT	F01050202		PCP
ALT RATE FIXED SCALE-PIL	F01040115		PCP
ALT RATE FIXED SCALE-COP	F01040215		PCP
ALT RATE MOV INDEX-COPILOT	F01040216		PCP
ALT RATE MOV SCALE-PILOT	F01040117		PCP
ALT REF-TER FLW SW-PILOT	F01050102		PCP
ALT RATE MOV SCALE-COPILOT	F01040217		PCP
ALT RATE MOV INDEX-PILOT	F01040116		PCP
ALTER SYNC SWITCH	E01050105		
ALTERNATE WING SWEEP SWITCH	S010409	ALTER WG SWP	CPD
		ALTER WG SWP SEL SW	
		ALTER WG SWP SWITCH	
		J040104	
ALTERNATE THROTTLE SWITCH 4	Q129	ALTER THROT-CO	CPD
ALTERNATE THROTTLE SWITCHES-CO	J04020X	ALTER	COP
ALTERNATE LANDING GEAR CONTROL	G0102		PCP
ALTITUDE RATE MOV SCALE-COP	F01040214		PCP
ALTITUDE RATE MOV SCALE-PIL	F01040114		
ALTITUDE READOUT	F04030103	ALTITUDE (FT)	
ALTITUDE HOLD PUSHBUTTON	S03010X04	ALT SWITCHLIGHT	PCP
ALTITUDE CALIBRATION SWITCH	E04010401	ACPT-REJ	USO
		ALT-CALBR-ACPT-REJ	
ALTITUDE-ELEVATION SELECTOR	E04010403		USO
ALTITUDE RATE MOVING SCALE	F01040X14		PCP
ALTITUDE RATE MOVING SCALE -	F01040X17		PCP
ALTITUDE RATE MOVING INDEX	F01040X16		PCP
ALTITUDE SCALE	F020301	ALTITUDE SCALE	CEN
		F203	
		100 FOOT POINTER	
ALTITUDE RATE FIXED SCALE	F01040X15		PCP
ALTITUDE-VERTICAL VELOCITY IND	F01040X	AVVI	PCP
AMI-PILOT	F010301	AMI	PCP
AMI-COPILOT	F010302	AMI	PCP
AMPL-OFF CONTROL	E060115	AMPL-OFF	USO

PAGE 7 NAME	CODE	SYNONYMS	PANEL
ANGLE-OF-ATTACK INDICATOR	F01080X	AOA INDICATOR COPLTS AOA INDICATOR PILOTS AOA INDICATOR	PCP
ANGLE OF ATTACK VANES ANGLE-OF-ATTACK ERROR SYMBOL	Q71 F01010X1015	AOA VANES AOA ERROR AOA ERROR SYMBOL	PCP
ANNUNCIATOR INDICATOR-STORES ANNUNCIATOR LIGHTS SWITCH	W0806 U060202	ANN LIGHTS ANN LIGHTS SWITCH	OSO OHD
ANNUNCIATOR TEST SWITCH ANNUNCIATOR LGTS (L RUN,R RUN) ANNUNCIATOR BRIGHT DIM MODE SW ANT CAGE ANTENNA TILT INDICATOR ANTENNA TILT CONTROL ANTENNA INDICATOR CONTROL	C010103 P01030X C010104 E060206 E060120 E060107 E0603	BRIGHT DIM MODE SW ANT CAGE ANT TILT ANT TILT CONTROL C6500 - APQ-113 TRACKING CONTROL TRACKING HANDLE	OHD OHD OHD OSO OSO OSO OSO
ANTISKID TEST SWITCH ANTISKID CAUTION LIGHT ANTI-COLLISION CONTROL SWITCH ANTI-ICE AIR ON LIGHT AOA ERROR SYMBOL-COPILOT	G02010101 G02010102 C010101 J070302 F0101021015	ANTI CLSN SWITCH AOA ERROR AOA ERROR SYMBOL	CPD CEN OHD CPD PCP
AOA INDICATOR-PILOT	F010801	AOA INDICATOR COPLTS AOA INDICATOR PILOTS AOA INDICATOR	PCP
AOA INDICATOR-COPILOT	F010802	AOA INDICATOR COPLTS AOA INDICATOR PILOTS AOA INDICATOR	PCP
AOA DISPLAY LIGHT CONTROL AOA ERROR SYMBOL-PILOT	C010108 F0101011015	AOA DISPLAY LIGHT SW AOA ERROR AOA ERROR SYMBOL	OHD PCP
APRCH ARM INDICATOR-COPILOT APRCH ARM INDICATOR APRCH ARM INDICATOR-PILOT APU LOCKOUT SWITCHES	F01050502 F0105050X F01050501 R02020X	APRCH ARM APRCH ARM APRCH ARM L APU LOCKOUT SWITCH R APU LOCKOUT SWITCH	PCP PCP PCP OHD
APU MODE SWITCH APU LOOP B LIGHT	Q123 R0204020X	L APU LOOP B LIGHT R APU LOOP B LIGHT	OHD
APU LOOP A LIGHT	R0203020X	L APU LOOP A LIGHT R APU LOOP A LIGHT	OHD
APU FIRE SWITCHLIGHTS	R01020X	APU FIRE AUX POWER UNIT	CEN
APU EXH TEMP GAGE	P01020X	EXHAUST GAS TEMP L APU EXH TEMP GAGE R APU EXH TEMP GAGE	OHD
APU PANEL APU FIRE-ENG FIRE SWITCHES ARM-SAFE TOGGLE SWITCH ARM-DISARM SWITCH ATTITUDE INDICATOR ATTITUDE-BEARING INDICATORS ATTITUDE SWITCH	P01 R01040X W050201 E031001 F01010X0201 F040X01 F01010X04	ATTD	CEN OSO PCP PCP

PAGE 8
NAME

CODE

SYNONYMS

PANEL

ATTITUDE INDICATOR-PILOT
ATTITUDE DIRECTOR INDICATOR
ATTITUDE SWITCH-PILOT
ATTITUDE INDICATOR-COPILOT
ATTITUDE SWITCH-COPILOT
AUTO THROT CAUTION LIGHT
AUTO-MAN MODE SELECT

F0101010201
F040101
F01010104
F0101020201
F01010204
S03010109
E04010501

ATTD

ATTD

AUTO-MAN
NAV MODE-MODE
AUTO THROT DISC-PI

PCP

PCP

PCP

PCP

PIL

OSO

AUTOMATIC THROTTLE DISCONNECT
AUTO CHUTE CAUTION LT-FLT STA
AUTO LTDN ENBL SWITCH
AUTOMATIC THROTTLE DISCONNECT
AUTO CHUTE CAUTION LT-AFT STA
AUXILIARY PANEL
AVIONICS
AVIONICS AIR MODE SELECT

J0601
D100104
F01070205
J0602
D10010401
E08
E
N01080X

AUTO LTDN ENBL
AUTO THROT DISC-CO

LCN

CEN

CPD

CPD

OSO

AVIONICS SYSTEMS
INTMD
L CTL
R CTL

OSO

OSO

OSO

AVIONICS COMPARTMENTS OVERHEAT
AVVI-PILOT
AVVI-COPILOT
AWAY ANNUNCIATOR
AZIMUTH INT CONTROL

N01090X
F010401
F010402
W080606
F060117

COMPT HOT LIGHTS
AVVI
AVVI

CEN

PCP

PCP

OSO

OSO

BALLAST TANK ISOLATION SWITCH
BANK ANGLE POINTER
BANK ANGLE DIAL

U0105
F020108
F020107

BLST TK ISLN SWITCH
BANK ANGLE POINTER
F20108

CEN

CEN

CEN

BAROMETRIC SETTING KNOB
BAROMETRIC SCALE COUNTER
BARO PRESSURE COUNTER-COP
BARO-SET KNOB-COPILOT
BAROMETER CONTROL
BARO PRESSURE COUNTER-PIL
BARO-SET KNOB-PILOT
BARO PRESSURE COUNTER
BARO-SET KNOB
BATTERY SELECT SWITCH
BAY DOOR CONTROL
BAY LOCATION INDICATORS
BAY INDICATOR-FORWARD LIGHT
BAY INDICATOR-INTMD LIGHT
BAY INDICATOR-AFT LIGHT
BAY DOOR STATUS INDICATORS

F020303
F020304
F01040202
F01040201
F04030106
F01040102
F01040101
F01040X02
F01040X01
L0103
W0510
W01060X
W010601
W010602
W010603
W0107

BARO SET KNOB
BARO

BARO SET KNOB

BARO SET KNOB
BATTERY SWITCH
DOORS

CEN

CEN

PCP

PCP

PCP

PCP

PCP

PCP

OSO

OSO

PIL

PIL

PIL

PIL

PIL

PART-FULL
W01070X01
W01070X02

OSO

BDA REQ ANNUNCIATOR
BEARING-DISTANCE-HEADING IND
BEARING POINTER
BETA CONTROL
BEZEL CONTROL
BIAS SWITCH
BIT PUSHBUTTON

W080607
F040201
F04020102
E060124
E060112
E010406
E030705

BETA
BEZEL BRIGHTNESS
BIAS
BIT
BUILT-IN-TEST
BLEED AIR

OSO

OSO

CPD

CEN

BLEED AIR CAUTION LIGHTS

N01020X

NAME	CODE	SYNONYMS	PANEL
BNS HDG SWITCH	EO10601		
BOMB MANUAL RELEASE	W0805	MAN REL-BOMB	OSO
BOMB MODE CONTROL	W080301	BOMB-MODE	OSO
BOMB DELIVERY CONTROL	W080302	BOMB-DLVY	OSO
BOMB TIMER POWER SWITCH	F040401		
BOMB	Q48		
BOOM OPERATOR UNIP	Q67		
BRAKE CONTROL PANEL	G03	BRAKES	CEN
BRIGHTNESS CONTROL-IKB	E070202		OSO
BRIGHTNESS CONTROL-P STORES	W0109	BRT	PIL
BRIGHTNESS CONTROL-SMS CRT	W070202		OSO
BRIGHTNESS CONTROL	E010702	B	
BRT-DIM INTEGRAL SWITCH	C01020103		
BUS CAUTION LIGHTS	L01080X02	L01080X03 L01080103 L01080203	OHD
BUS TIE INDICATOR	L01080X01	III TIE CL TIE OPEN	OHD
BYPASS CONTROL-DISPLAY 3	A010303	BYPASS DISPLAY	COP
BYPASS CONTROL-DISPLAY 2	A010302	BYPASS DISPLAY	COP
BYPASS BUZZ LEGEND LIGHT	A01030X0102	BUZZ LIGHT	COP
BYPASS CRIT LEGEND LIGHT	A01030X0101	CRIT LIGHT	COP
BYPASS CONTROL-DISPLAY 4	A010304	BYPASS DISPLAY	COP
BYPASS CONTROL-DISPLAY	A01030X	BYPASS DISPLAY	COP
BYPASS CONTROL-DISPLAY 1	A010301	BYPASS DISPLAY	COP
C RAD 1 LIGHT	E0302020102		LCN
C RAD 2 LIGHT	E0302020302		LCN
CABIN PRESSURE ALTITUDE IND	N04		OHD
CABIN OVER 42000 WARN LIGHT	N011901		OSO
CABIN OVER 10000 CAUTION LIGHT	N011801	N01/801	CEN
CABIN OVER 10000 CAUTION LIGHT	N0202		CEN
CABIN PRESS ALT INDICATOR	N0201		
CABIN OVER 42000 WARN LIGHT	N011902		OSO
CALL SWITCH-PILOT ICS	E0309010112		LCN
CALL SWITCH-COPILOT ICS	E0309020112		RCN
CAUTION-WARNING LIGHTS	Q40		
CENTER ADJUST-HORIZONTAL	E06012502		OSO
CENTER ADJUST-VERTICAL	E06012503		OSO
CENTER OF GRAVITY CONTROL PNL	U0401	CG CG CONTROL PANEL	CEN
CG CAUTION LIGHT	U040202	CG LT	CEN
CG FAIL LEGEND LIGHT	U0703	CG FAIL	
CG LIMITS CAUTION LIGHT	U040201	CG LIMITS	CEN
CHANNEL SELECTOR SWITCH	F01070204	CHAN SEL SWITCH CHANNEL SELECTUR	CPD
CHANNEL INDICATOR	F01070202	CHAN CHAN EM INDICATOR CHAN INDICATOR	CPD
CHANNEL SEL-OUTER WHEEL-TACAN	E03070101		CPD
CHANNEL SEL-KNOB TACAN	E03070102		CPD
CHANNEL SELECTOR-TACAN	E030701	CHAN.	CPD
CHECKLIST 'PWR ON'	Q57		
CHECKLIST	Q14		
CHECK POINT	Q80		

PAGE 10
NAME

CODE

SYNONYMS

PANEL

CHECK POINT-1 CONTROL	E04010603	CP-1-X-HAIR	OSO
CHECK POINT-2 CONTROL	E04010604	CP-2-X-HAIR	OSO
CIR-NORM (POLARIZATION) SWITCH	E060207		USO
CIRCUIT BREAKERS	Q188		
CITS ICS	Q91		
CITS GROUND ENABLE PANEL	B03		
CITS CONTROL, DISPLAY PANEL	B01	CITS	
CITS FAULT ISLN SWITCH	B010101		
CITS FAILURE INDICATOR	B01010904		
CITS READOUT	B010108		
CITS KEYBOARD	B010102		
CLEARANCE SELECT SWITCH	E020204	CL SEL SW	CEN
CLIMBOUT CHECKLIST	Q70		
CLIMATIC COVERS	Q42		
CLOCK-COPILOT	F020702		PCP
CLOCK-PILOT	F020701		PCP
CLOCK	F02070X		PCP
CLOSE DOORS CONTROL	W0108	CL DOOR	PIL
CMD AIRSPEED MARKER-COPILOT	F01030204		PCP
CMD ALTITUDE SLEW SW-COP	F01040204		COP
CMD AIRSPEED COUNTER-PILOT	F01030105		PCP
CMD AIRSPEED COUNTER-COPILOT	F01030205		PCP
CMD ALTITUDE SLEW SW-PIL	F01040104		PIL
CMD AIRSPEED MARKER-PILOT	F01030104		PCP
CMF CONTAINER	Q43		
CN INST PNL INT LIGHT SW	C010113		UHD
CO-PILOT ICS	Q17	COPILOT ICS	
COARSE INTENSITY CONTROL	E06012504		OSO
CODE INDICATOR	W0302		PIL
COMBAT MISSION FOLDER	Q54	COMBAT MISSION FILE	
COMMUNICATION LEADS	Q45		
COMMAND COUNTER-COPILOT	F01040203		PCP
COMMAND MACH COUNTER-COP	F01030212		PCP
COMMAND MACH MARKER-COPILOT	F01030210		PCP
COMMAND HEADING SYMBOL-PILOT	F0101011017	COMD HEADING	PCP
COMMAND COUNTER-PILOT	F01040103		PCP
COMMAND ALTITUDE SLEW SWITCH	F01040X04		PCP
COMMAND COUNTER	F01040X03		PCP
COMMAND AIRSPEED MARKER	F01030X04		PCP
COMMAND MACH MARKER-PILOT	F01030110		PCP
COMMAND AIRSPEED COUNTER	F01030X05		PCP
COMMAND HEADING SYMBOL-COPILOT	F0101021017	COMD HEADING	PCP
COMMAND MACH COUNTER-PIL	F01030112		PCP
COMMAND HEADING SYMBOL	F01010X1017	COMD HEADING	PCP
COMMAND MACH COUNTER	F01030X12		PCP
COMMAND MACH MARKER	F01030X10		PCP
COMPT RAM SCOOP OPEN	N010701	COMPT RAM SCOOP OPEN	CEN
COMPASS CARD SCALE	F01020X03		PCP
COMPASS CARD SCALE-PILOT	F01020103		PCP
COMPASS CARD	F04020104		
COMPASS CARD SCALE-COPILOT	F01020203		PCP
CONSOLE	Q165		
CONSTANT SPEED DRIVE MODE SEL	L01060X01	1 CSD SW 2 CSD SW 3 CSD SW	OHD

PAGE 11
NAME

CODE

SYNONYMS

PANEL

CONTRAST CONTROL-FLIR
CONTRAST CONTROL-MFD
CONTRAST CONTROL-TF
CONTROL STICK TRIM SWITCH

E010407
E010701
E020104
Q175

CONTRAST-FLIR
C

CONTRAST
S010303
S010304

CEN

COOLING FUEL LOOP Crossover SW

N0115

CLG FUEL LOOP CRSVR
CRSVR

OHD

COP ALT THRITTLE SWITCH 1
COP ALT THRITTLE SWITCH 2
COP ALT THRITTLE SWITCH 3
COP ALT THRITTLE SWITCH 4
COP ALPHA & PRIM FLT INST LT S

J040201
J040202
J040203
J040204
C01011402

ALTER THRUT-CO
ALTER THROT-CO
ALTER THROT-CU
ALTER THROT-CO
ALPHA IND, PRIM FLT
R CSL INTEGRAL SW
SW

CEN

CEN

CEN

CEN

OHD

COP STEER ENG-DISENG SWITCH
COP INTEGRAL LIGHTING SWITCH

G020202
C0101140X

ALPHA IND, PRIM FLT
R CSL INTEGRAL SW
SW

PCP

OHD

COP R CSL INTEGRAL LT SW

C01011401

ALPHA IND, PRIM FLT
R CSL INTEGRAL SW
SW

OHD

COPILOT'S FLT CONTR TRIM PNL
COPILOTSUHF
COPILOT SEAT
COPILOT STBY PITCH SWITCH
COPILOT TILT ADJUST CONTROL
COPILOT FORE-AFT ADJUST CONT
COPILOT ARMREST ADJUST CONTROL
COPILOT UTILITY LIGHT
COPILOT EJECTION CONTROL

S010302
Q146
C0502
S01030201
C050204
C050203
C050201
C010302
D010102

Q26

CPD

COPILOT YAW SWITCH
COPILOTS FLIGHT CONTROL STICK
COPILOT VERTICAL ADJUST SW
COPILOTS WING SWEEP HANDLE
COPILOT UHF COMM PANEL

S01030202
S010102
C050202
S020102
E030102

EJECTION HANDLE-CO
EJECTION HANDLE-PI

CPD

PCP

LRCN

COPILOTS HF
COPILOTS TER FLWG PUSHBUTTON
COPILOTS ICS PANEL
COPILOT EVS FUV SWITCH
COPILOTS FLT DIR PUSHBUTTON
COPILOT AFCS-INDEXER CONTROL
COPILOT STEER CONTROL
COPILOTS ENGAGE PUSHBUTTON
COPILOTS UHF
COPILOTS RUDDER PEDALS
COPLTS TAKE COMMAND PUSHBUTTON
COPLTS FLAP-WING WARNING LGTS
COPLTS SPD BRK CONTR #4 THROT
COPLT AIRSPEED HOLD PUSHBUTTON
COPLTS RUDDER PEDAL ADJ HANDLE
CORE RPM INDICATOR
CORE RPM INDICATOR

E0309020104
S03010207
E03090201
E010202
S03010203
C010111
E010104
S03010202
Q26
S01060201
S03010201
S020402
S020302
S03010205
S01060202
J01050X
Q147

COPILOT UHF
COPILOT UHF RADIO
COPILOTS UHF
COPILOT HF
TER FLW SWITCHLIGHT
ICS-C

PCP

RCN

OHD

TAKE COMD
FLAP/WING LIGHTS
SPD BRK CONTROL-CO
A/S SWITCHLIGHT
RUD PEDAL ADJ

PCP

PCP

PCP

CPD

PCP

PCP

CEN

J010504

PAGE 12

NAME	CODE	SYNONYMS	PANEL
CORE RPM CAUTION LIGHTS	J01050X01		CEN
CORE RPM WARNING SIGNALS	J050X02		CEN
COUNTER READOUT-TOTAL FUEL	U0302		
COUNTER READOUT-FUEL FLOW	U0502	U05	CEN
COURSE DEVIATION DOTS-COPILOT	F01020218		PCP
COURSE DEV WARN FLAG-COPILOT	F01020219		PCP
COURSE DEVIATION DOTS	F01020X16		PCP
COURSE DEVIATION BAR-PILOT	F01020108		PCP
COURSE SET KNOB-PILOT	F01020112		PCP
COURSE POINTER-PILOT	F01020104		PCP
COURSE DEVIATION BAR-COPILOT	F01020208		PCP
COURSE POINTER-COPILOT	F01020204		PCP
COURSE DEVIATION DOTS-PILOT	F01020118		PCP
COURSE DEV WARN FLAG-PILOT	F01020119		PCP
COURSE SET KNOB-COPILOT	F01020212		PCP
COURSE SET KNOB	F01020X12		PCP
COURSE POINTER	F01020X04		PCP
COURSE DEVIATION WARNING FLAG	F01020X19		PCP
COURSE DEVIATION BAR	F01020X08		PCP
CPLT AFCS INTRPT-DISENG CNTRL	S030302		COP
CPLT TRIM SW (ON CONTR STICK)	S010304		
CPLTS MACH (MACH HOLD) PSHBTN	S03010206	MACH SWITCHLIGHT	PCP
CPLTS ALTITUDE HOLD PUSHBUTTON	S03010204	ALT SWITCHLIGHT	PCP
CREW MODULE SEVERANCE CONTROL	D04	SEVERANCE	OHD
CREW AIR SOURCE MODE SWITCH	N0106		OHD
CREW TEMP MODE SWITCH	N011001		OHD
CREW TEMP CONTROL	N011002		OHD
CREW AIR SOURCE CONTROL SW	N010404		OHD
CREW AIR HOT CAUTION LIGHT	N010504	AIR HOT LIGHTS	CEN
CREW MODULE DOOR	Q21		
CREW ENTRY LIGHT SWITCH	C0110	AISLE LT SW	PCP
CREW COMPT AVIONICS HOT	N010901	COMPT HOT LIGHTS	CEN
CREW STATION	Q35		
CROSSFEED SWITCH	U010601	FUEL XFEED	CEN
		XFEED	
CRT TUBE DISPLAY-COPILOT	F01010210		PCP
CRT TUBE DISPLAY-PILOT	F01010110		
CRT BEZEL	E060103	BEZEL	
CRT DISPLAY SURFACE	E060126		OSO
CRT TUBE DISPLAYS	F01010X10		
CRT INT CONTROL	E060114	CRT INT	OSO
CRUISE MODE SELECT SWITCH	U04010101	CRUISE MODL SWITCH	CEN
CSD CAUTION LIGHTS	L01060X02	1 CSD CAUTION LIGHT	OHD
		2 CSD CAUTION LIGHT	
		3 CSD CAUTION LIGHT	
		CURSOR RANGE-FT	OSO
CURSOR RANGE COUNTER	E060109		
CURSOR RANGE SEGMENT	Q18		
CURSOR CONTROL	E020102	CURSOR	CEN
DATA CONTROL SWITCHES	W05040X	DATA	OSO
DATA ENTRY UNIT	E05	DEU	OSO
DATA INDICATOR-PILOT	F0101010203		PCP
DATA INDICATOR-COPILOT	F0101020203		PCP
DATA INDICATOR	F01010X0203		PCP
DCO INDICATOR	E04020701	DCO	OSO
DECODE SWITCH-2	E03050203	DECODE	RCN

NAME	CODE	SYNONYMS	PANEL
DECODE SWITCH	E03050X03	DECODE	RCN
DECODE SWITCH-1	E03050103	DECODE	RCN
DELAY SWITCH	E030203	DELAY	LCN
DELIVERY RESTRICTION INDICATOR	W060603	RSTR ANNUNCIATOR	USO
DELIVERY RESTRICTION LIGHT	W040105	DLVY RSTRN	CEN
DESTINATION X-HAIR CONTROL	E04010605	DEST	OSO
DIGITAL READOUT-PILOT	F01020107		PCP
DIGITAL DISTANCE READOUT-PIL	F01020101		PCP
DIGITAL DISTANCE READOUT	F01020X01		PCP
DIGITAL READOUT-HSI	F01020X07		PCP
DIGITAL READOUT-COPILOT	F01020207		PCP
DIGITAL COUNTERS	U07030X		A-V
DIGITAL COUNTERS	U070301		A-V
DIGITAL COUNTERS	U070302		A-V
DIGITAL DISTANCE READOUT-COP	F01020201		PCP
DIGITAL COUNTERS	U070601	QTY LB TOTAL	
DILUTER-PRESSURE DEMAND-OSO	C03040303		
DILUTER-PRESSURE DEMAND RGLTRP	Q152	C0304030X	
DILUTER-PRESSURE DEMAND-OSO	C03040304		
DILUTER-PRESSURE DEMAND-COP	C03040302		
DILUTER-PRESSURE DEMAND REGS	C0304030X		
DILUTER-PRESSURE DEMAND-PIL	C03040301		
DISCONNECT CAUTION LIGHT	U060403	DISC DISC ADVISORY LIGHT	CEN
DISENABLE INDICATOR	W030301	DISEN ENABLE ENABLE:DISEN	PIL
DISPLAY SWITCH-PILOT	F01010103		PCP
DISPLAY RESET-RECALL SWITCH	B010107		
DISPLAY CONTROL	W0503	DIS DISPLAY	OSO
DISPLAY SELECT SWITCH	E04010111		OSO
DISPLAY SWITCH	F01010X03		PCP
DISPLAY TUBE SURFACE	E070201		OSO
DISPLAY TUBE SURFACE-SMS CRT	W070201	SMS CRT	OSO
DISPLAY SWITCH-COPILOT	F01010203		PCP
DUPPLER CONTROL	E080301	DPLR	OSO
DR CALCULATION MODE SELECT	E04010508	DOR-ADDR	OSO
DR NAVIGATION MODE SELECT	E04010504	DR	OSO
OSO UTILITY LIGHT	C010303		
OSO LIGHT CONTROL PANEL	C0104		
OSO FORE-AFT ADJUST CONTROL	C050303		
OSO VERTICAL ADJUST SWITCH	C050302		
OSO ARMREST ADJUST CONTROL	C050301		
OSO TILT ADJUST CONTROL	C050304		
OSO CITS ADVISORY LIGHT	B0202		
OSO EJECTION CONTROL	D010104	EJECTION HANDLE-OSO EJECTION HANDLE-OSO DSOS HF	
OSO HF	E030904010401		
OSO MICROPHONE SWITCH	E0309040102		
OSO ICS	Q16		
OSO INTERPHONE SWITCH	E0309040101		
OSO ICS PANEL	E03090401		
OSO CHECKLIST	Q19		
OSO CLOCK	F020704		

NAME	CODE	SYNONYMS	PANEL
DUMP SWITCH	UC111		
ECS SUPPLY SW	Q126		CEN
ECS OVERHEAT CAUTION LIGHTS	NO1050X	PO1050X	
EJECTION PINS	Q27	AIR HOT LIGHTS	CEN
EJECTION SEAT PARACHUTE	Q186		
EJECTION CONTROLS-AFT STATION	DC1020X	EJECTION HANDLE-OSO	
EJECTION CONTROLS, FORWARD STA	DC1010X	EJECTION HANDLE-OSO	
EJECTION HANDLE	Q151	EJECTION HANDLE-CO	LRCN
		EJECTION HANDLE-PI	
		DC1010X	
		DC1020X	
ELAPSED TIME INDICATOR-PILOT	FO1020111		PCP
ELAPSED TIME INDICATOR	FO1020X11		PCP
ELAPSED TIME INDICATOR-COPILOT	FO1020211		PCP
ELECTRICAL CONTROL PANEL	LO1	ELEC	CHD
ELECTRICAL CAUTION LIGHT	LO109	ELEC CAUTION LIGHT	CEN
ELEVATION READOUT	EO4010203	ELEV-SEL PT	OSO
		SELECTED POINT-ELEV	
		ALT CALBR-ALT-ELV	OSO
ELEVATION-DELTA ALTITUDE IND	EO4010402		
EMERG OXYGEN-MOVING SCALE	CO3040202		
EMERG GENERATOR ADVISORY LT	LO10502	EMERG GEN ON	CHD
EMERG OXYGEN PRESS-FIXED SCALE	CO3040201		
EMERGENCY EGRESS CONTROLS	DO7010X	LEFT WINDOW RELEASE	CHD
		RIGHT WINDOW RELEASE	
		EMERG	CEN
EMERGENCY BRAKE SWITCH	GO301		
EMERGENCY EXIT HANDLE-AFT STA	DO70103		
EMERGENCY GENERATOR CONTROL SW	LO10501	EMERG GEN	CHD
EMERGENCY BRAKING	Q142		
EMERGENCY OXYGEN CONTROL	CO302		
EMERGENCY OXYGEN PRESS GAGE	CO304020X		CHD
EMERGENCY LIGHTING	CO102	EMERG LIGHT	
ENABLE: DISABLE INDICATORS	WO3030X	DISEN	PIL
		ENABLE	
		ENABLE:DISEN	
ENABLE SWITCH	EO60303		
ENABLE INDICATOR	WO30302	DISEN	OSO
		ENABLE	PIL
		ENABLE:DISEN	
ENCODE SWITCH	EO3050X02	ENCODE	RCN
ENCODE SWITCH-1	EO3050102	ENCODE	RCN
ENCODE SWITCH-2	EO3050202	ENCODE	RCN
ENG 4 CORE RPM CAUTION LIGHT	JO1050401		CEN
ENG 4 CORE RPM INDICATOR	JO10504		CEN
ENG 3 CORE RPM CAUTION LIGHT	JO1050301		CEN
ENG 3 CORE RPM INDICATOR	JO10503		CEN
ENG TEMP WARNING LIGHTS	JO1030X02		CEN
ENG 1 TEMP WARNING LIGHT	JO1030102		CEN
ENG 2 TEMP WARNING LIGHT	JO1030202		CEN
ENG 3 TEMP WARNING LIGHT	JO1030302		CEN
ENG 1 CORE RPM WARNING SIGNAL	JO50102		CEN
ENG 2 CORE RPM WARNING SIGNAL	JO50202		CEN
ENG 3 CORE RPM WARNING SIGNAL	JO50302		CEN
ENG 4 CORE RPM WARNING SIGNAL	JO50402		CEN
ENG 4 TEMP WARNING LIGHT	JO1030402		CEN
ENG FIRE SWITCHLIGHTS	Q143	RC1010X	CEN

PAGE 15
NAME

CODE

SYNONYMS

PANEL

ENG BLEED AIR 3	Q168	NO10103	
ENG 2 CORE RPM INDICATOR	J010502		CEN
ENG 1 CORE RPM CAUTION LIGHT	J01050101		CEN
ENG BLEED AIR 2	Q167	NO10102	
ENG 2 CORE RPM CAUTION LIGHT	J01050201		CEN
ENG BLEED AIR 1	Q166	NO10101	
ENG 1 CORE RPM INDICATOR	J010501		CEN
ENG BLEED AIR SWITCH 4	Q149	NO10104	
ENG-ADG SELECTOR SWITCHES	RO2010X	LOOP LOCKOUT SWITCH LOOPS A,B SWITCHES	DHD
ENGAGE SWITCHLIGHT	S02010X02		PCP
ENGAGE SWITCHLIGHT-COP	S02010202		COP
ENGAGE SWITCHLIGHT-PIL	S02010102		PIL
ENGAGE PUSHBUTTONS	S03010X02		
ENGINE FIRE SWITCHLIGHTS	Q181	RO1010X	
ENGINE DIRECTOR CAUTION LIGHT	J0109	ENG LEGEND LIGHT	CEN
ENGINE 4 START SWITCH	J0204		CPD
ENGINE 2 START SWITCH	J0202		CPD
ENGINE 1 START SWITCH	J0201		CPD
ENGINE START SWITCH	J020X		CPD
ENGINE INSTRUMENTS	J010X		
ENGINE ANTI-ICE SWITCH	J070301		CPD
ENGINE START DISPLAYS	J01		
ENGINE LOOP B LIGHT 4	Q139	RO2040104	
ENGINE LOOP A LIGHT 4	Q138	RO2030104	
ENGINE-ADG LOOP B FIRE LIGHTS	RO204010X		DHD
ENGINE-ADG LOOP A FIRE LIGHTS	RO203010X		DHD
ENGINE START SWITCH 4	Q130	FIRE DETECTOR	
ENGINE ICE ANNUNCIATOR	J09	ICE	CEN
ENGINE IGNITION SWITCH	Q128	J070101	
ENGINE FIRE SWITCHLIGHT 4	Q127	RO10104	
ENGINE 4 TEMP INDICATOR	J010304	ENG TEMP	CEN
ENGINE 3 START SWITCH	J0203		CPD
ENGINE BLEED AIR SWITCHES	NO1010X	ENG BLEED AIR	DHD
ENGINE IGNITION ADVISORY LIGHT	J070102	ENG IGN	CPD
ENGINE 2 TEMP INDICATOR	J010302	ENG TEMP	CEN
ENGINE 1 TEMP INDICATOR	J010301	ENG TEMP	CEN
ENGINE 3 TEMP INDICATOR	J010303	ENG TEMP	CEN
ENGINE TEMPERATURE INDICATOR	J01030X	ENG TEMP	CEN
ENTER CONTROL	E040205	ENTER	OSG
ENTRY LADDER CONTROL LEVER-ENT	C080202		
ENTRY LADDER CONTROL SWITCH	C080302		
ENVIRONMENT CONTROL PANEL	N01	ENVIR	DHD
ESCAPE HATCH SEVERANCE HANDLE	Q184		
EVS AZIMUTH ANGLE SYMBOL-COP	F0101021020		PCP
EVS ELEVATION ANGLE SYMBOL-COP	F0101021021		PCP
EVS CONTROL SWITCH	E040201	EVS-NAV CORR	OSG
EVS VIDEO SELECT PANEL	E0106	EVS VIDEO SELECT	
EVS AZIMUTH ANGLE SYMBOL-PIL	F0101011020		PCP
EVS AZIMUTH ANGLE SYMBOL	F01010X1020		PCP
EVS ELEVATION ANGLE SYMBOL-PIL	F0101011021		PCP
EVS STEERING CONTROL PANEL	E0105	EVS STEERING CONTROL	
EVS ELEVATION ANGLE SYMBOL	F01010X1021		PCP
EWD MISSION TAPE	Q36		
EXECUTION MESSAGE	Q41		

PAGE 16
NAME

CODE

SYNONYMS

PANEL

EXT CREW ENTRYWAY INSPECTION
EXTERNAL POWER CONTROL SWITCH
EXTERIOR LIGHTS SWITCH

Q64
LC104
U060201

ENTRYWAY INSPECTION
EXT PWR
EXT
EXT LIGHTS SWITCH

OHD
OHD

EXTERIOR INSPECTION ROUTE
FAIL INDICATOR-LEFT

Q74
E02020101

LEFT FAIL LIGHT
RIGHT FAIL LIGHT
LEFT FAIL LIGHT
RIGHT FAIL LIGHT
LEFT FAIL LIGHT
RIGHT FAIL LIGHT

CEN
CEN
CEN
CEN

FAIL INDICATORS

E0202010X

FAIL INDICATOR-RIGHT

E02020102

FAILURE FLAG-PILOT
FAILURE FLAG
FAILURE FLAG-COPILOT
FAN RPM INDICATOR
FAN RPM CAUTION LIGHTS
FAN RPM WARNING SIGNALS
FAST ERECT PUSHBUTTON
FAULT DATA CONTROL SWITCH
FAULT OVERRIDE SWITCH
FAULT ANNUNCIATOR
FDC TEST SWITCH-PILOT
FDC TEST SWITCH-COPILOT
FDC TEST SWITCH
FF WARNING SIGNALS
FIDUCIALS

F01080103
F01080X03
F01080203
J01020X
J01020X01
J01020X02
F010902
W050403
W0511
W080604
F01060105
F01060205
F01060X05
J01040X01
Q81

DATA
FAULT ORIDE

PCP
PCP
PCP
CEN
CEN
CEN
CEN
RCN
OSO
OSO
OSO
LRCN
LRCN
LRCN
CEN

FILL CONTROL SET TEST
FILL CONTROL ROTARY SELECTOR
FILL CONTROL SET TEST PSHBTN
FILL VALVE SWITCHES
FILL V FAIL LEGEND LIGHT

U0705
U0704
U070604
U01020X
U070602

FILL V FAIL
FILL VALVE FAIL
FIRE DETR
FIRE DETR PANEL
LNG FIRE
ENGINE FIRE

CEN

FIRE DETECTION & TEST PANEL

R02

FIRE WARN & EXTGH PANEL

R01010X

FIRE DETR TEST SW (PUSHBUTTON)
FIRE DETECTION CAUTION LIGHT
FIRE WARN & EXTGH TEST SW
FIRE DETECTION LIGHT
FIXED AIRCRAFT SYMBOL-COPILOT
FIXED SCALE
FIXED AIRCRAFT SYMBOL-PILOT
FIXED MARKER-PILOT
FIXED MARKER-COPILOT
FIXED MARKER

R0205
R0206
R0107
Q136
F0101021001
F01070101
F0101011001
F01020110
F01020210
F01020X10

FIRE DETR LIGHT
R0206

OHD
CEN
CEN
CEN
PCP
PIL
PCP
PCP
PCP

FLAP-SLAT RESET SWITCH
FLAP-SLAT CONTROL HANDLE
FLAP/WING WARNING LIGHTS
FLAP POSITION INDICATOR
FLAP 1 CAUTION LIGHT
FLAP OFF CAUTION LIGHT
FLASHBLIND-LF SIDE WINDOW
FLASHBLIND-UP RT WINDOW
FLASH PROTECTION DEVICES

S010407
S0202
S02040X
F011004
S030203
S030204
C040403
C040406
Q63

FLAP-SLAT HANDLE
FLAP/WING LIGHTS
FLAP 1 LIGHT
FLAP OFF LIGHT

PCP
PIL
PCP
PCP
PCP
CPD
CPD
PCP
PIL
CEN
CEN

FLASH PROTECTION

NAME	CODE	SYNONYMS	PANEL
FLASHBLINDNESS WINDOWS	C04040X		
FLASHBLIND-UP LF WINDOW	C040405		
FLASH PROTECTION WINDOW	Q33		
FLASHBLIND-RT SIDL WINDOW	C040404		
FLASHBLINDNESS WINDOW-RIGHT	C040402		
FLASHBLINDNESS WINDOW-LEFT	C040401		
FLIGHT DIRECTOR CONTROL PANEL	F01050X	FLT DIR	PCP
FLIGHT DIRECTOR INDICATOR	F040107		OSO
FLIGHT PATH ANGLE RATE	F01010X1007		PCP
FLIGHT DIRECTOR FLAG ALARM	F020106	FD FLAG	CEN
		FD FLAG ALARM	
FLIGHT PATH ANGLE SYMBOL	F01010X1006	FLIGHT PATH ANGLE	PCP
FLIGHT LOG	Q28		
FLIGHT PERFORMANCE INDICATORS	Q30		
FLIGHT CONTROL STICK	S01010X		PCP
FLIGHT PATH ANGLE SYMBOL-COP	F0101021006	FLIGHT PATH ANGLE	PCP
FLIGHT PATH ANGLE RATE-CUPILOT	F0101021007		PCP
FLIGHT CONTROL POWER PANEL	S0104		
FLIGHT DIRECTOR SWITCHLIGHT-C	S01010203	FLT DIR SWITCHLIGHT	COP
FLIGHT DIRECTOR SWITCHLIGHT	S01010X03	FLT DIR SWITCHLIGHT	PCP
FLIGHT PATH ANGLE RATE-PILOT	F0101011007		PCP
FLIGHT DIRECTOR SWITCHLIGHT-P	S01010103	FLT DIR SWITCHLIGHT	PIL
FLIGHT PATH ANGLE SYMBOL-PIL	F0101011006	FLIGHT PATH ANGLE	PCP
FLIR STEER	E01050101		
FLIR STATUS INDICATOR	E010401	STATUS	
FLIR PILOT-COPILOT COMD	E01050102	FLIR-COMD	
FLIR CONTROL PANEL	E0104		
FLIR WASH	E01050104		
FLOAT-UPRT CAUTION LT-FLT STA	D100103	FLOAT/UPRIGHT LT-FLT	CEN
FLOAT-UPRT CAUTION LT-AFT STA	D10010301	FLOAT/UPRIGHT LT-AFT	
FLOOD CONTROL	C010503	FLOOD	
FLOODLIGHTS	Q61		
FLOTATION SYSTEM CONTROL	D06	FLOTATION	CHD
FLR CONTROL PANEL	E0602		OSO
FLT CONTR STCK DISCONNECT HNDL	S0105	FLT CONT STICK DISC	PIL
FLT STA CHUTE DEPLOYMENT	D0201	CHUTE DEPLOY-FLT	CHD
FLT STA RISER CUTTER CONTROL	D0301	RISER CUTTER-FLT	CHD
FLT DIR 1 INDICATOR	F01050301	FLT DIR 1	PIL
FLT DIR CONTROL PNL-PILOT	F010501	FLT DIR	PCP
FLT DIR MODE SWITCH-PILOT	F01050101		PCP
FLT DIR 2 INDICATOR	F01050302	FLT DIR 2	PIL
FLT DIR CONTROL PNL-CUPILOT	F010502	FLT DIR	PCP
FLT INST TEST AND MODES PANEL	F01060X	FIIMP	LRCN
FLT INST TEST,MODES PANEL-PIL	F010601	FIIMP	LRCN
FLT INST TEST,MODES PANEL-COP	F010602	FIIMP	LRCN
FLT DIR MODE SWITCH-CUPILOT	F01050201		PCP
FLT DIR PUSHBUTTON	S03010X03		
FLY TO SELECTED POINT	E04010209	FLY TO	OSO
FLYUP 1 INDICATOR	F01050401	FLYUP 1	CEN
FLYUP OFF INDICATOR	F01050402	FLYUP OFF	CEN
FOCUS CONTROL	E06012505		OSO
FORCES	Q59		
FORM 781	Q46		
FORWARD-LOOKING RADAR (FLR)	E06		
FORWARD/REVERSE SWITCH	W0506	FWD-REV	OSO

PAGE 18

NAME	CODE	SYNONYMS	PANEL
FORWARD-REVERSE SELECTOR	E04010206	FWD-REV SELECTOR	OSO
FORWARD SIGHT CONTROL	E04010601	FS XHAIR-FS	OSO
FREQUENCY INDICATOR-SELECTOR	E0303030X02	HF CONTROL KNOBS	RCN
FREQUENCY INDICATOR-SELECTOR	E030303	HF 6-DIGIT READOUT	
FREQUENCY METER	L010202	FREQ-METER	OHU
FREQUENCY SELECT KNOB-LF	E0306010301	LEFT SELECT KNOB	CPD
		RIGHT SELECT KNOB	
FREQUENCY SELECT KNOBS	E030601030X	LEFT SELECT KNOB	CPD
		RIGHT SELECT KNOB	
FREQUENCY SELECT SW-PILOT	E03010102		
FREQUENCY SELECT SW-COPILOT	E03010202		
FREQUENCY SELECT SWITCH	E03010X02		
FREQUENCY SELECT KNOB-RT	E0306010302	LEFT SELECT KNOB	CPD
		RIGHT SELECT KNOB	
FTC-BCN SWITCH	E060204	FTC-BCN	OSO
FUEL & CENTER OF GRAVITY SW	U0113	FUEL & CG TEST	CEN
FUEL LOW CAUTION LIGHT	U010603	FUEL LOW LEGEND LT	CEN
FUEL LOG	Q96		
FUEL TRUCKS	Q95		
FUEL MGMT PNL	U01		
FUEL QUANTITY INDICATORS	U01010X	QTY TAPE INDICATOR	CEN
FUEL FLOW INDICATOR-TAPES	J01040X	FF INDICATOR	CEN
FUEL COOLING SCOOP C	N010702		CEN
FUEL FLOW INDICATOR-TAPE 4	J010404	FF INDICATOR-4	CEN
FUEL FLOW INDICATOR-TAPE 2	J010402	FF INDICATOR	CEN
FUEL COOLING LOOP Crossover LT	N0116	FUEL CLG LOOP CRSVR	CEN
FUEL COOLING LOOP RETURN SW	N0113	FUEL CLG LOOP RTN SW	UHD
FUEL FLOW INDICATOR-1	U05		
FUEL FLOW INDICATOR-TAPE 1	J010401	FF INDICATOR	CEN
FUEL FLOW INDICATOR	U050X	U05	CEN
FUEL COOLING LOOP RETURN LIGHT	N0114	FUEL CLG LOOP RTN	CEN
FUEL FLOW INDICATOR-TAPE 3	J010403	FF INDICATOR	CEN
FUNCTION SELECTOR SWITCH	E03010X01		
FUNCTION SELECT SW-COPILOT	E03010201		
FUNCTION SELECT SW-PILOT	E03010101		
FUNCTION SWITCH	E070105	FCTN	OSO
FUNCTION SELECT SWITCH	E030202		LCN
FUS #3 QTY TAPE INDICATOR	U010101	QTY TAPE INDICATOR	CEN
FUS #2 QTY TAPE INDICATOR	U010102	QTY TAPE INDICATOR	CEN
FUS #1 QTY TAPE INDICATOR	U010105	QTY TAPE INDICATOR	CEN
FUS #4 QTY TAPE INDICATOR	U010106	QTY TAPE INDICATOR	CEN
FWD ST BAY OPEN LIGHT	W040101		CEN
FWD BAY DOOR STATUS IND	W010701		PIL
FWD CUMPT HOT CAUTION LIGHT	N010905	CUMPT HOT LIGHTS	CEN
FWD EMERGENCY LIGHT	C010201		
FWD BAY DOOR CONTROL	W051001		
FWD ST BAY TRANSFER SWITCH	U010401	TANK TRANSFER SWITCH	OSO
		TRANS PUMPS	CEN
FWD CG LIMITS POINTER	U020201		
FWD-DSBL SLU SWITCH	E080501	SLU	OSO
GALLEY LIGHT	C0108		
GEAR WARNING LIGHT	G010102		
GEAR WARNING LIGHTS	G01010X		COP

NAME	CODE	SYNONYMS	PANEL
GENERATOR OFF LIGHTS	L01070X02	1 GEN CAUTION LT 2 GEN CAUTION LT 3 GEN CAUTION LT	OHD
GENERATOR MODE SWITCHES	L01070X01	1 GEN MODE SWITCH 2 GEN MODE SWITCH 3 GEN MODE SWITCH	OHD
GLIDE SLOPE LIGHT-PILOT	E0306030102		PCP
GLIDE SLOPE LIGHT-COPILOT	E0306030202		PCP
GLIDE SCOPE SCALE	F020101		CEN
GLIDE SLOPE POINTER	F020102	GLIDE SLOPE POINTER	CEN
GLIDE SLOPE LIGHT	E0306030X02		PCP
GLIDE SLOPE FLAG ALARM	F020103	GS FLAG GS FLAG ALARM	CEN
GN-DSBL SWITCH	E080201		OSO
GO INTERCOM CABLES	Q100		
GO LIGHT	E03070501		CPD
GRAVITY TARGETS X-HAIR CONTROL	E04010606	TGT	USG
GROSS WT DIGITAL COUNTER	U0204	GROSS WT	CEN
GROSS ALTITUDE TAPE-PILOT	F01040206		PCP
GROSS ALTITUDE FIXED SCALE-COP	F01040205	F1040106 F1040206 GROSS ALTITUDE TAPE	PCP
GROSS ALT SCALE CMD MKR-COP	F01040207		PCP
GROSS ALT SCALE CMD MKR-PILOT	F01040107		PCP
GROSS ALTITUDE TAPE-PILOT	F01040106		PCP
GROSS ALTITUDE FIXED SCALE-PILOT	F01040105	F1040106 F1040206 GROSS ALTITUDE TAPE	PCP
GROSS ALT SCALE COMMAND MARKER	F01040X07		PCP
GROSS ALTITUDE FIXED SCALE	F01040X05	F1040106 F1040206 GROSS ALTITUDE TAPE	PCP
GROUND SPEED READOUT	L04010109		USG
GROUND TRACK READOUT	E04010108	GND SPD	USG
GROUND OBSERVER ICS	Q58	GND TRK	
GROUND REFUEL PANEL	U07	GO ICS	
GROUND PINS AND LOCKS	Q94		
GROUND JETTISON-ALL STORES	W0201	GND-NORM:ALL	OHD
GROUND SAFETY PINS AND LOCKS	Q47	GROUND SAFETY LOCKS GROUND SAFETY PINS	
GS-TAS INDICATOR	F0205		CEN
GSS CAUTION INDICATOR	F01060501		PIL
GSS CONTRUL PANEL	F0109	GSS CAUTION LT	RCN
GUARDED A-V	Q72	GUARDED A-V	
HEADING SET KNOB	F01020X17		PCP
HEADING MARKER-PILOT	F01020106		PCP
HEADING MARKER-COPILOT	F01020206		PCP
HEADING READOUT-PILOT	F0101011009		PCP
HEADING MARKER	F01020X06		PCP
HEADING SET KNOB-COPILOT	F01020217		PCP
HEADING SCALE	F01010X1008		PCP
HEADING SCALE-COPILOT	F0101021008		PCP
HEADING READOUT	F01010X1009		PCP
HEADING SET KNOB-PILOT	F01020117		PCP
HEADGEAR	Q13		

PAGE 20
NAME

CODE

SYNONYMS

PANEL

NAME	CODE	SYNONYMS	PANEL
HEADING READOUT-COPILOT	F0101021009		PCP
HEADSETS	Q65	HELMETS	
HEADING SCALE-PILOT	F0101011008		PCP
HF CONTROL SWITCH-PILOT	E030901010401		LCN
HF CONTROL SWITCH-COPILOT	E030902010401		RCN
HF TRANS MODE LIGHT-PILOT	E030901010402		LCN
HF TRANS MODE LIGHT-COPILOT	E030902010402		RCN
HHCL	Q51	H-HOUR CONTROL LINE	
HIGH AOA INDEX MARKER-COP	F01080204		PCP
HIGH AOA INDEX MARKER-PIL	F01080104		PCP
HIGH AOA INDEX MARKER	F01080X04		PCP
HORIZON LINE	F04010101		
HORIZON SET CONTROL	F04010105		
HORIZON LINE-COPILOT	F0101021002		PCP
HORIZONTAL SITUATION INDICATOR	F01020X	HSI	PCP
HORIZON LINE-PILOT	F0101010102		
HORIZONTAL STEERING POINTER	F020105		CEN
HOT BRAKE CAUTION LIGHT	G04	HOT BRAKE	CEN
HOT MIKE CONTROL SWITCH-COP	E030902010901		RCN
HOT MIKE TRANS MODE LIGHT-COP	E030902010902		RCN
HOT MIKE TRANS MODE LIGHT-PIL	E030901010902		LCN
HOT MIKE CONTROL SWITCH-PILOT	E030901010901		LCN
HSI-PILOT	F010201	HSI	PCP
HSI-COPILOT	F010202	HSI	PCP
HYDRAULIC LIGHT	H020101	HYD CAUTION LIGHT	CEN
		HYD LIGHT	
		HYD INDICATOR	OHD
HYDRAULIC INDICATOR TEST	H010301	HYD QTY TEST	
		HYDRAULIC PRESS GAGE	OHD
		HYDRAULIC QTY GAGE	OHD
HYDRAULIC PRESSURE INDICATORS	H01020X		
HYDRAULIC QUANTITY INDICATORS	H01010X		
ICS PANELS	E03090X		
ICS CONTROL SWITCHES	E03090X010101		
ICS TRANS MODE LIGHTS	E03090X010102		
ICS PANEL-COPILOT	E030902		
ICS PANEL-PILOT	E030901		
ICS CONTROL SWITCH-PILOT	E030901010101		LCN
ICS TRANS MODE LIGHT-PILOT	E030901010102		LCN
ICS	Q15		
ICS TRANS MODE LIGHT-COPILOT	E030902010102		RCN
ICS CONTROL SWITCH-COPILOT	E030902010101		RCN
ID RCD CONTROL SWITCH	E040203	IR RCD	OSO
IDENTIFICATION MODE SELECT	E04010602	ID	OSO
		X-HAIR-ID	
		IDENT-MIC	CPD
IDENTIFICATION OF POSITION	E03040106		
IF GAIN-FLR	E060122		
IF GAIN CONTROL	E06010022	IF GAIN	OSO
IFF TRANS MODE LIGHT-COPILOT	E030902010802		RCN
IFF CONTROL SWITCH-COPILOT	E030902010801		RCN
IFF SECURE COMPUTER NO.1	E031201	KK 5038-1	
		KK 5039-1	
		C7483-APX-64(V)	CPD
IFF SYSTEM CONTROL	E030401	IFF	
			OHD
IFF ANTENNA CONTROL SWITCH	E030801		LCN
IFF TRANS MODE LIGHT-PILOT	E030901010802		LCN
IFF CONTROL SWITCH-PILOT	E030901010801		LCN

PAGE 21

NAME	CODE	SYNONYMS	PANEL
IFF COMPUTER SELECT SWITCH	E030804		OHD
IFF SECURE COMPUTER NO.2	E031202	KK 5038-2 KK 5039-2	
IGNITION SWITCH	J070101	IGN	CPD
ILB CRT READOUT	E0702	IKB CRT	OSO
ILS READOUT WINDOW	E03060104	ILS	CPD
		ILS 5-DIGIT READOUT	
ILS SET CONTROL PANEL	E030601	ARN-108	CPD
		ILS SET CONTROL PNL	
ILS SYMBOL-COPILOT	F0101021013		PCP
ILS SYMBOL	F01010X1013		PCP
ILS SYMBOL-PILOT	F0101011013		PCP
IMPACT ATTENUATION LT-FLT STA	D100102	IMPACT ATTEN LT-FLT	CEN
		IMPACT ATTEN-FLT	
IMPACT ATTENUATION LT-AFT STA	D10010201	IMPACT ATTEN LT-AFT	
		IMPACT ATTEN-AFT	
IN FLIGHT PROGRESS CHART	Q29		
IN RNG ANNUNCIATOR	W080602	IN RANGE	OSO
IN UPDT INDICATOR	E04020702	IN UPDT	OSO
IN. HG READOUT	F04030104	IN. HG	
IN-FLIGHT PROGRESS CHART	Q34		
INDICATOR-RECORDER	E0601	APQ-114 IP-948A	OSO
INLET LIP CAUTION LIGHT 1	A010405		CEN
INNER MARKER LIGHT-PILOT	E0306020103	INNER MKR LIGHT	
INNER MARKER LIGHT-COPILOT	E0306020203	INNER MKR LIGHT	
INNER MARKER LIGHT	E0306020X03	INNER MKR LIGHT	
INRANGE INDICATOR	W010302	INRNG	PIL
INRTL 2 CASE ALIGN INDICATOR	F0106050301		PIL
INRTL 2 ATTD REF INDICATOR	F0106050302		PIL
INRTL 1 ATTD REF INDICATOR	F0106050202		PIL
INRTL 1 CASE ALIGN INDICATOR	F0106050201		PIL
INS 2 DSBL SWITCH	E080404		OSO
INS-1 MODE SELECT	E04010502	INS 1	OSO
INS-2 MODE SELECT	E04010503	INS 2	OSO
INS-2 CALCULATION MODE SELECT	E04010507	DTI-2	OSO
INS-1 CALCULATION MODE SELECT	E04010506	DTI-1	OSO
INSTRUCTION SWITCH	E070106	INSTR	OSO
INS1 DSBL SWITCH	E080403		OSO
INTERCOM	E0309	AIC-27 COMMUNICATIONS ICS	
INTERMEDIATE COMPT HOT	N010902	COMPT HOT LIGHTS	CEN
INTERCOMS	E03090X01		
INTEGRATED KEYBOARD	E0701	IKB	OSO
INTENSITY SWITCH	C01050402	INT	
INTGR-AND CONTROL	C01050102	AND	
		INTGR	
INTGR-AND CONTROL	C01050101	AND	
		INTGR	
INTGR-AND CONTROL	C0105010X		
INTMD-DSBL SLU SWITCH	E080502	SLU	OSO
INTMD ST BAY OPEN LIGHT	W040102		CEN
INTMD BAY DOOR STATUS IND	W010702		PIL

NAME	CODE	SYNONYMS	PANEL
INTMD ST BAY TRANSFER SWITCH	UC14402	TANK TRANSFER SWITCH TRANS PUMPS	CEN
INTMD BAY DOOR CONTROL	W051002		USO
INTMD AVIONICS AIR SOURCE SW	Q158	N010801	
INTRMDT AVIONICS AIR MODE SW	N010801	INTMD L CTL R CTL	OHD
INV DATA CONTROL SWITCH	W050405	DATA	USO
IR POD CONTROL	EC10102	IR CONT SEL SW IR CONT SELECT SW	
JETTISON SWITCHES	W0514		USO
KLAXON	Q01		
KT READOUT COUNTER	F020502		CEN
KYBD DIS SELECTOR PUSHBUTTON	W050304		USO
L ADS COUPLE SWITCH	Q116	PC10401	
L APU FIRE SWITCHLIGHT	Q144	RO10201	
L APU MODE SW	Q119		
L DIS SELECTOR PUSHBUTTON	W050301		USO
L ECS SUPPLY SW	Q124	PC10501	
L FUEL BOOST CAUTION LIGHT	U01060201	L FUEL BOOST	CEN
L MAIN FILL VALVE SWITCH	U010301		CEN
L RUN LIGHT	Q120	PC10301	
L WG TANK TRANSFER SWITCH	U010405	TANK TRANSFER SWITCH TRANS PUMPS	CEN
L WG FILL VALVE SWITCH	U010204		CEN
L+R BLEED AIR OVERHEAT LIGHTS	N01030X	L BLEED AIR OVERHEAT R BLEED AIR OVERHEAT	CEN
LADDER RELEASE HANDLE	Q07		
LADDER-MANUAL CRANK (ENTRYWAY)	C080401		
LAMP TEST SWITCH-EVS	EC1050205		
LAMP TEST SWITCH-FLIR	EC10404	LAMP TEST	
LAMP TEST SWITCH-CODED SW	W0305		PIL
LANDING DATA	Q92		
LANDING GEAR CONTROL	Q148	GC10101	
LANDING/TAXI LIGHT CONTROL SW	G0203	LANDING/TAXI SWITCH LT	CPD
LANDING GEAR CONTROL PANEL	G01	LANDING GEAR	COP
LAND-SEA MODE SELECT	EC4010505	SEA-LAND	USO
LAT SET MOVING SCALE KNOB	F01090402	LAT	RCN
LATCHED ADVISORY LIGHT	U060402	LATCHED LATCHED ADVISORY LT	CEN
LATITUDE SET SWITCH	F01090401		RCN
LATITUDE READOUT	EC4010201	LAT-SEL PT SELECTED POINT-LAT	USO
LAUNCHER ROTATE SWITCH	W0512	LCHR ROTATE	USO
LCV FAIL WARNING SWITCHLIGHT	U070203		
LCV TEST FLOW SWITCH-LEFT	U07020201		
LCV TEST FLOW SWITCH-RIGHT	U07020202		
LCV TEST SHUTOFF SWITCH	U070201		
LEFT WINDOW SEVERANCE HANDLE	Q182	0070101	
LEFT GEAR ADVISORY LIGHT	G010104	L GEAR LIGHT	COP
		LEFT GEAR LIGHT	
LEFT BLEED AIR OVERHEAT LIGHT	N010301	L BLEED AIR OVERHEAT R BLEED AIR OVERHEAT	CEN

PAGE 23 NAME	CODE	SYNONYMS	PANEL
LEFT WINDOW REL CONT	D070101	LEFT WINDOW RELEASE	OHD
LEFT AGENT DISCHARGE SWITCH	R010301	RIGHT WINDOW RELEASE AGENT DISCH L AGENT DISCH R AGENT DISCH	CEN
LEFT APU LOOP A LIGHT	R02030201	L APU LOOP A LIGHT R APU LOOP A LIGHT	OHD
LEFT AND RIGHT SPOILERS EM IND	F0110060X	ECS SUPPLY	CEN
LEFT ECS SUPPLY SWITCH	P010501	LEFT SPOILER-2	
LEFT WINDSHIELD HOT CAUTION LT	N011201	LEFT SPOILER-1	
LEFT SPOILER INDICATOR-2	F0110060102	L APU LOCKOUT SWITCH	OHD
LEFT SPOILER EM INDICATORS	F011006010X	R APU LOCKOUT SWITCH	R
LEFT INBOARD SPOILER INDICATOR	F0110060101	LEFT SPOILER-4	
LEFT APU LOCKOUT SWITCH	R020201	LEFT SPOILER-3	
LEFT OUTBOARD SPOILER INDICATOR	F0110060104	L APU MODE SWITCH	OHD
LEFT SPOILER INDICATOR-3	F0110060103	R APU MODE SWITCH	OHD
LEFT APU MODE SWITCH	P010101	EXHAUST GAS TEMP	
LEFT APU EXHAUST TEMP GAGE	P010201	L APU EXH TEMP GAGE	CEN
LEFT APU FIRE SWITCHLIGHT	R010201	R APU EXH TEMP GAGE	
LEFT ADS COUPLE SWITCH	P010401	APU FIRE	OHD
LEFT APU LOOP B LIGHT	R02040201	AUX POWER UNIT	OHD
LEFT BUS TIE EM INDICATOR	LC1080101	L ADS COUPLE SW	OHD
LEFT RUN LIGHT	P010301	L APU LOOP B LIGHT	OHD
LEFT CENTRAL COMPT HOT	N010903	R APU LOOP B LIGHT	
LEFT CIRCUIT BREAKERS	L0201	III	
LEGEND INDICATOR	B010109	TIE CL	
LEVEL CONTROL VALVES	U0707	TIE OPEN	OHD
LFT CNTRL AVIONICS AIR MODE SW	N010802	COMPT HOT LIGHTS	CEN
LIGHTING CONTROL PANEL	C0101	LH CB PANEL	
LIQUID OXYGEN QUANTITY METER	C030101	FILL VALVES	OHD
LN2 INERTING SWITCH	U0112	INTMD	
LOC TRANSFER MODE LIGHT-COP	E030902010602	L CTL	
LOC TRANSFER MODE LIGHT-PILOT	E030901010602	R CTL	
LOC LIGHT	E0306030X01	LN2 INERT SWITCH	RCN
LOC CONTROL SWITCH-COPILOT	E030902010601	LOC LEGEND LIGHT	CEN
LOC LIGHT-COPILOT	E0306030201	LOC LEGEND LIGHT	RCN
LOC CONTROL SWITCH-PILOT	E030901010601	LOC LEGEND LIGHT	LCN
LOC LIGHT-PILOT	E0306030101	LOC LEGEND LIGHT	PCP
LOCATION SELECT	W0507	LOCATION	RCN
LOCK INDICATOR	E060101	LOCK	PCP
LONGITUDE READOUT	E04010202	LONG-SEL PT	LCN
LONGITUDINAL BUNK LIGHT	C0106	SELECTED POINT-LONG	PCP
LOOP LOCKOUT SWITCH 4	Q140		
LOW APPROACH INDEX MARKER-PIL	F01080100		

PAGE 25
NAME

CODE

SYNONYMS

PANEL

MASTER AUDIO CUTOFF CONTROL	C020X		PCP
MASTER CAUTION SWITCHLIGHT-COP	F030102		PCP
MASTER CAUTION SWITCHLIGHT	Q137	F030101	
MASTER CAUTION SWITCHLIGHT-PIL	F030101		PCP
MASTER CAUTION SWITCHLIGHTS	F03010X		PCP
MASTER AUDIO CUTOFF CONTROL-CP	C0202		
MASTER AUDIO CUTOFF CONTROL-P	C0201		
MAX ALLOW AIRSPEED-MACH POINT	F020206		CEN
MAXIMUM SAFE MACH BAR	F01030X11		PCP
MAXIMUM SAFE MACH BAR-COP	F01030211		PCP
MAXIMUM SAFE MACH BAR-PIL	F01030111		PCP
MEMORY SWITCHES (LOAD-ERASE)	E070107	MEM	OSO
MEMORY CONTROL LOAD PUSHBUTTON	E07010701		
MEMORY POINT CONTROL SWITCH	E040204	MEM PT	OSO
MEMORY CONTROL	E020103	MEMORY	CEN
MFD DIS SELECTOR PUSHBUTTON	W050303		OSO
MIDDLE MARKER LIGHT-COPILOT	E06020202	MIDDLE MKR LIGHT	
MIDDLE MARKER LIGHT-PILOT	E06020102	MIDDLE MKR LIGHT	
MIDDLE MARKER LIGHT-COP	E0306020202		
MIDDLE MARKER LIGHT	E06020X02	MIDDLE MKR LIGHT	
MIDDLE MARKER LIGHT-PIL	E0306020102		
MILEAGE WINDOW	F04020105	MILES	
MIN DECN HGT LIGHT-PILOT	F01070301	MIN DECN HGT	PCP
MIN DECN HGT LIGHT-COPILOT	F01070302	MIN DECN HGT	PCP
MINIMUM DECISION HEIGHT INDIC	F0107030X	MIN DECN HGT	PCP
MINIATURE AIRPLANE	F020109		CLN
MINUTE CLOCK HAND	F0404010201		
MINUTE COUNTER	F0404010301	MIN	
MINUTE CONTROL	F0404010303	MIN	
MISSILE MANUAL RELEASE	W0804	MAN REL-MSL	OSO
MISSILE DELIVERY CONTROL	W0801	MSL DLVY	OSO
MKR BCN CONTROL SWITCH-PIL	E030901010701		LCN
MKR BCN TRANS MODE LIGHT-PILOT	E030901010702		LCN
MKR BCN CONTROL SWITCH-COP	E030902010701		RCN
MKR BCN TRANS MODE LIGHT-COPILOT	E030902010702		RCN
MODE M2 SELECT-TEST SWITCH	E0304010702	MODE M2 TEST SWITCH	CPD
MODE SWITCH (OVERRIDE)	U06030101	MODE SWITCH (OVERRIDE)	CHD
MODE CONTROL ROTARY SELECTOR	U070401		
MODE SWITCHES	P01010X	L APU MODE SWITCH R APU MODE SWITCH	CHD
MODE SWITCH-FLT DIR	F01050X01		PCP
MODE SELECTOR SWITCH-TACAN	E030702		CPD
MODE SELECT SWITCH-PILOT	F01010109		PCP
MODE SELECT SWITCH-FLIR	E010405	MODE SELECT-FLIR	
MODE 4 CODE SELECT SWITCH	E03040101	CODE	CPD
MODE M-3-A SELECT-TEST SWITCH	E0304010703	M-3-A TEST SWITCH	CPD
MODE SWITCH-RADAR SET	E060201		OSO
MODE SELECTOR KNOB	F020503		CLN
MODE INDICATOR	F020501		CEN
MODE SWITCH-RADAR SET-2	E060203		OSO
MODE SELECT SWITCH-COPILOT	F01010209		PCP
MODE SWITCH (REVERSE)	U06030103	MODE SWITCH (REV)	CHD
MODE 1 CODE SELECT THUMBWHEELS	E0304010801	MODE 1 THUMBWHEELS	CPD
MODE 3-A CODE SELECT THUMBWHEELS	E0304010802	MODE 3-A THUMBWHEELS	CPD
MODE SWITCH-VSD	F01010X09		PCP

PAGE 26

NAME

CODE

SYNONYMS

PANEL

MODE 4 SWITCH
 MOD M-C SELECT-TEST SWITCH
 MODE SWITCH-TFR

E03040109
 E0304010704
 E0202020X

MODE M-C TEST SWITCH
 LEFT MODE SEL SW
 MODE-TFR
 RIGHT MODE SEL SW

CPD
 CPD
 CEN

MODE 4 IFF CAUTION LIGHT
 MODE M1 SELECT-TEST SWITCH

E030402
 E0304010701

MODE M1 TEST SWITCH
 MODE 1

CEN
 CPD

MODE 4 MONITOR SWITCH
 MOVING POINTER
 MSTR AUDIO CUTOFF
 MTC CONTROL PANEL
 MULTIFUNCTION DISPLAY
 MULTIFUNCTION DISPLAY UNIT
 NARROW FOV INDICATOR-PILOT
 NARROW FOV INDICATOR
 NARROW FIELD-OF-VIEW INDICATOR
 NARROW FOV INDICATOR-COPILOT
 NAV CORR CAUTION LIGHT
 NAV SPEED ERROR SYMBOL-PIL
 NAV ANNUNCIATORS-FINE
 NAV ANNUNCIATOR-WM UP-INS1

E03040110
 F01070102
 Q133
 E0308
 E010704
 E0107
 F0101010204
 F01010X0204
 E01050103
 F0101020204
 E040208
 F0101011016
 E08040X03
 E08040101

AUDIO-OUT-LIGHT

CC212
 MTC

MFD
 NAR FOV
 NAR FOV
 FLIK NFOV
 NAR FOV

CPD
 PIL

OHD

PCP

PCP

PCP

PCP

NAV SPEED ERROR

E08040102
 E08040201
 E08040202

NAV ANNUNCIATOR-COARSE-INS1
 NAV BEARING POINTER-PILOT
 NAV ANNUNCIATORS-COARSE
 NAV ANNUNCIATOR-FINE-INS1
 NAV ANNUNCIATOR-COARSE-INS2
 NAV SPEED ERROR SYMBOL-COP
 NAV BEARING POINTER-COPILOT
 NAVIGATION ANNUNCIATORS-INS 2
 NAVIGATION BEARING POINTER
 NAVIGATION CORRECTION PANEL

E08040102
 F01020102
 E08040X02
 E08040103
 E08040202
 F0101021016
 F01020202
 E080402
 F01020X02
 E0402

NAV SPEED ERROR

NAV CORR
 NAV CORRECTION PNL

PCP

PCP

PCP

USO

PCP

OSO

USO

OSO

PCP

OSO

OSO

CPD

RCN

LCN

PCP

PCP

PCP

PCP

PCP

CPD

PCP

PCP

CPD

PCP

PCP

PCP

NAVIGATION ANNUNCIATORS-INS1
 NAVIGATION INDICATOR
 NAVIGATION SPEED ERROR SYMBOL
 NAVIGATION PANEL
 NAVIGATION ANNUNCIATORS
 NO-GO LIGHT
 NOISE BLANK CONTROL
 NORMAL THROTTLE RESET SWITCH-P
 NORMAL ACCEL MOVING SCALE
 NORMAL ACCELERATION COUNTER
 NORMAL ACCEL FAILURE FLAG
 NORMAL ACCEL MOV SCALE-PIL
 NORMAL ACCEL INDEX LINE-PIL
 NORMAL THROTTLE RESET SWITCH-C
 NORMAL ACCEL INDEX LINE-COP
 NORMAL ACCEL MOV SCALE-COP
 NORMAL-INVERSE SWITCH
 NORMAL ACCEL COUNTER-PIL
 NORMAL ACCEL FAIL FLAG-PIL
 NORMAL ACCEL COUNTER-COP

E080401
 E04010703
 F01010X1016
 E0401
 E0804
 E03070502
 E030305
 J0501
 F01030X17
 F01030X19
 F01030X20
 F01030117
 F01030116
 J0502
 F01030218
 F01030217
 E03070401
 F01030119
 F01030120
 F01030219

NAV SPEED ERROR
 NAVIGATION CONT PNL
 NAV

NOISE BLANK
 NORM THROT RESET-PI

NORM THROT RESET-CO

NORMAL-INCREASE SW.

NAME

CODE

SYNONYMS

PANEL

NORMAL ACCEL FAIL FLAG-COP
 NORTH-NORMAL SELECT
 NOSE GEAR ADVISORY LIGHT
 NOSE WHEEL STEERING CAUTION LT
 NOSE GEAR TIRE
 NOZ POS WARNING SIGNAL
 NOZZLE POSITION INDICATOR
 NOZZLE GROUNDING CABLES
 NUCLEAR RACK CONTROL SWITCH
 NUCLEAR PREAMP ENABLE SWITCH
 NUCLEAR INDICATOR
 NUCLEAR CONSENT SWITCH
 NUCLEAR CAUTION SWITCH
 NUMBER IDENTIFIER-STEERING
 OFF FLAG-WING SWEEP
 OFF FLAG-SADI
 OFF FLAG-TOTAL TEMP
 OFF INDICATOR
 OFF INDICATOR
 OFF FLAG
 OFF-TAS-CAS SELECT SWITCH
 OFFSET AIM POINT-2 CONTROL
 OFFSET AIM POINT-1 CONTROL
 OHD, PED INTEGRAL LIGHT CONTROL

OIL QUANTITY INDICATOR
 OIL PRESSURE INDICATOR
 OIL PRESS CAUTION LIGHTS
 OIL QTY WARNING SIGNALS
 OIL HOT ANNUNCIATORS
 OIL PRESS WARNING SIGNALS
 OPEN-UNLOCKED CAUTION LIGHT
 OPEN-UNLOCKED CAUTION LIGHT

OPEN-CLOSE DOOR HANDLE
 OPERATE; MONITOR SWITCH
 OPT APP INDEX MARKER-COP
 OPT APP INDEX MARKER-PIL
 OPTIMUM APPROACH INDEX MARKER
 OPTION SELECT SWITCHES
 OSO CLOCK
 OSO EJECTION CONTROL

OSO CITS ADVISORY LIGHT
 OSO UTILITY LIGHT
 OSO LIGHT CONTROL PANEL
 OSO INTERPHONE SWITCH
 OSO CIRCUIT BREAKERS
 OSO ICS
 OSO HF
 OSO MICROPHONE SWITCH
 OUTER MARKER LIGHT-PILOT
 OUTER MARKER LIGHT
 OUTER MARKER LIGHT-COPILOT

F01030220
 E060118
 G010103
 G0204
 Q177
 J01060X01
 J01060X
 Q98
 W050101
 W050102
 W040104
 W0105
 W0802
 E04010301
 F011007
 F020111
 F020604
 F04010104
 F04020106
 F01070105
 F04030105
 E04010608
 E04010607
 C0101100X

J01080X
 J01070X
 J01070X01
 J01080X01
 J08020X
 J01070X02
 U060304
 U060101

C070101
 W0301
 F01080205
 F01080105
 F01080X05
 E070101
 F020703
 D010103

B0201
 C010304
 C0105
 E0309030101
 Q88
 E03090301
 E030903010401
 E0309030102
 E0306020101
 E0306020X01
 E0306020201

NORTH-NORM
 NOSE GEAR LIGHT
 NWS

NOZ POS INDICATOR

UNLOCK-SAFF
 PA LNBL-SAFE

NUCLEAR

OAP-2
 OAP-1
 OVRD INTEGRAL LIGHT
 PED INTEGRAL LIGHT

OIL PRESS INDICATOR

OPEN UNLK
 OPEN UNLK CAUTION LT
 OPEN-UNLKD LIGHT

EJECTION HANDLE-OSO
 EJECTION HANDLE-OSO

OSO ICS PANEL
 OSOS HF

OUTER MKR LIGHT
 OUTER MKR LIGHT
 OUTER MKR LIGHT

PCP
 OSO
 COP
 CEN

CEN
 CEN

OSO
 OSO
 CEN
 PIL
 OSO
 OSO
 PIL
 CLN
 CEN

PIL

OSO
 OSO
 OHD

CEN
 CEN
 CLN
 CEN
 CEN
 CEN
 OHD
 OHD

PIL
 PCP
 PCP
 PCP
 OSO
 OSO

OSO

NAME	CODE	SYNONYMS	PANEL
OVERRIDE CAUTION LIGHT	UC60302	CRIDE LIGHT	OHD
OVERFLY CONTROL SWITCH	EQ40202	OVERFLY-NAV CORR	
OVERHEAT	E010703		
OVHT-OVRD	E010403		
OVRD INTEGRAL LIGHT CONTROL	CC1011001	OVRD INTEGRAL LIGHT PED INTEGRAL LIGHT	OHD
OXYGEN TEST PUSHBUTTON	CC30102		RCN
OXYGEN PANEL	CC301		RCN
OXYGEN MASK D	Q156	Q66	
OXYGEN MASKS	Q162	Q66	
OXYGEN REGULATORS	Q163		
OXYGEN MASK O	Q155	Q66	
OXYGEN MASK C	Q154	Q66	
OXYGEN MASK P	Q153	Q66	
OXYGEN INDICATOR	CC303		
OXYGEN REGULATOR	Q185		
OXYGEN EXTENSION HOSE	CC30404		
OXYGEN-QUANTITY INDICATOR	NC20101		
OXYGEN LOW CAUTION LIGHT	CC30301		
OXYGEN FLOW SHUTOFF TOGGLE VLV	CC30401		
OXYGEN MASK	Q66	O2 MASK	
PA-SAFE SWITCH	WC50103	PA SAFE PARKING BRAKES	
PARKING BRAKE	Q31		
PARKING BRAKE CONTROL SWITCHLT	G0302		CEN
PED & SIDE CNSL FLOOD CONTROL	CC10106		OHD
PED INTEGRAL LIGHT CONTROL	CC1011002	OVRD INTEGRAL LIGHT PED INTEGRAL LIGHT	OHD
PENETRATION & APPR PROCEDURES	Q90		
PERCENT MAC INDICATOR	Q180	U02	
PERCENT MACH INDICATOR	U02		CEN
PERSONAL GEAR	Q53		
PHOTO MALFUNCTION INDICATOR	E060106	PHOTO MAL	OSO
PHOTO MAGAZINE DATA PLATE	E060125	MAGAZINE	
PHOTO CONTROL	E060104	PHOTL	OSO
PHOTO MAGAZINE	E060127		OSO
PIL ALT THROTTLE SWITCH 1	J040101	ALTER THROT-PI	CEN
PIL L CSL INTEGRAL LIGHT SW	CC1011201	ALPHA IND-PRIMARY FL L CSL INTEGRAL LT SW T	OHD
PIL ALT THROTTLE SWITCH 2	J040102	ALTER THROT-PI	CEN
PIL IND & PRIM FLT INSTR SW	CC1011202	ALPHA IND-PRIMARY FL L CSL INTEGRAL LT SW T	OHD
PIL ALT THROTTLE SWITCH 3	J040103	ALTER THROT-PI	CEN
PIL ALT THROTTLE SWITCH 4	J040104	ALTER THROT-PI	CEN
PIL STEER ENG-DISENG SWITCH	G020201		PCP
PILOT ARMREST ADJUST CONTROL	CC50101		
PILOT SEAT	CC501		
PILOTS AUTO THROT PUSHBUTTON	S03010108	AUTO THROT LIGHT AUTO THROT SWLIGHT S3010208	PCP
PILOTS HF	E0309010104	PILOT HF	
PILOTS FLAP-WING WARNING LGTS	S020401	FLAP/WING LIGHTS	PCP

NAME	CODE	SYNONYMS	PANEL
PILOT INTEGRAL LIGHT SW	C0101120X	ALPHA IND-PRIMARY FL L CSL INTEGRAL LT SW T	OHD
PILOTS WING SWEEP HANDLE	S020101		
PILOT EJECTION CONTROL	D010101	EJECTION HANDLE-CU EJECTION HANDLE-PI	LRCN
PILOT TILT ADJUST CONTROL	C050104		
PILOT AFCS INTRPT-DISENG CNTRL	S030301		PIL
PILOTS RUDDER PEDAL ADJ HANDLE	S01060102	RUD PEDAL ADJ	PCP
PILOT UHF COMM PANEL	E030101	PILOT UHF PILOT UHF RADIO PILOTS UHF	
PILOTS RUDDER PEDALS	S01060101		PCP
PILOT FORE-AFT ADJUST CONTROL	C050103		
PILOT VERTICAL ADJUST SWITCH	C050102		
PILOTS SPD BRK CONTR #4 THROT	S020301	SPD BRK CONTROL-PIL	LCN
PILOTS AFCS & INDEXER CONTROL	C010109		OHD
PILOTS TER FLWG PUSHBUTTON	S03010107	TER FLW SWITCHLIGHT	PCP
PILOT YAW SWITCH	S01030102		LCN
PILOT STEER CONTROL	E010103		
PILOT EVS FOV SWITCH	E010201		
PILOT ICS	Q22	PILOTICS	
PILOTS ICS PANEL	E03090101	ICS-P PILOT ICS	LCN
PILOTS ENGAGE PUSHBUTTON	S03010102		
PILOT STBY PITCH SWITCH	S01030101		LCN
PILOT'S FLT CONTR TRIM PNL	S010301		
PILOTS FLT DIR PUSHBUTTON	S03010103		
PILOT UTILITY LIGHT	C010301		
PILOTS AFCS MODE SELECT PANEL	S030101	AFCS MODE SELECT	PCP
PILOT AIRSPEED HOLD PUSHBUTTON	S03010105	A/S SWITCHLIGHT	PCP
PILOTS UHF	Q32	UHF	
PILOTS TAKE COMMAND PUSHBUTTON	S03010101	TAKE COMD	PCP
PILOTS FLIGHT CONTROL STICK	S010101		PCP
PITCH TRIM CAUTION LIGHT	S010708	PITCH TRIM LIGHT	CEN
PITCH TRIM CONTROL-COPILOT	F01010201	PITCH TRIM	PCP
PITCH SCALE	F01010X1003		PCP
PITCH AUG 1 CAUTION LIGHT	S010701	PITCH AUG 1 LIGHT	CEN
PITCH AUG SWITCH	S010404		CPD
PITCH SCALE-PILOT	F0101011003		
PITCH AUG OFF CAUTION LIGHT	S010702	PITCH AUG OFF LIGHT	CEN
PITCH TRIM CONTROL-PILOT	F01010101	PITCH TRIM	PCP
PITCH SCALE-COPILOT	F0101021003		
PITCH TRIM SWITCH	S010401		CPD
PITCH TRIM INDEX DOT	F020113		CEN
PITCH SCALE	F04010106		
PITCH TRIM KNOB	F020112	F20113	CEN
PITCH TRIM CONTROL	F01010X01	PITCH TRIM	PCP
PITOT HEAT CONTROL SWITCH	N0117	PITOT HEAT	OHD
PLAIN LIGHT	E0302020202		LCN
PLATFORM SELECT SWITCH-PIL	F01060101	H0G H0G SWITCH	LRCN
PLATFORM SELECT SWITCH-COP	F01060201	H0G H0G SWITCH	LRCN

PAGE 33	NAME	CODE	SYNONYMS	PANEL
	PLATFORM SELECT SWITCH	F01060X01	HDC	LRON
	PLT TRIM SW (ON CONTR STICK)	S010303	HDC SWITCH COOLIE HAT SWITCH S10304	PCP
	PLTS MACH (MACH HOLD) PSHBTN	S03010106	TRIM SWITCH-COPILOT	PCP
	PLTS ALTITUDE HOLD PUSHBUTTON	S03010104	MACH SWITCHLIGHT	PCP
	POINT READOUT	W010101	ALT SWITCHLIGHT	PIL
	POSITION LIGHT SWITCH	C01010201	PT-SEQ	OH0
	POSITION LIGHT MODE SWITCH	C01010202		OH0
	POWER CONTROL SWITCH	U070101		
	POWER ON ADVISORY LIGHT	U070102		
	POWER SELECT SWITCH-1	E03050101	POWER	RCN
	POWER OFF FLAG	U0503	U05	CEN
	POWER SWITCH-SECURE VOICE	E030201	CIPHONY SWITCH	LCN
	POWER SWITCH-ILS	E03060101	POWER SWITCH-ILS	CPD
	POWER SELECT SWITCH	E03050X01	POWER	RCN
	POWER SELECT SWITCH-2	E03050201	POWER	RCN
	POWER LEVEL INDICATOR-ENG #4	J010104	ENGINE TAPES J0101	CEN
			PWR LEVEL INDICATOR	
	POWER-SET-TEST CONTROL KNOB	F01070106	POWER-SET-TEST	PIL
	POWER OFF FLAG-HSI	F01020X09		PCP
	POWER ON LEGEND LIGHT	U0706		
	POWER OFF FLAG-PILOT	F01020109		
	POWER OFF-ALTITUDE FAIL FLAG	F01040X11	SENSITIVE ALT FAIL	PCP
	POWER OFF FLAG-COPILOT	F01020209		PCP
	POWER LEVEL INDICATOR-ENG #3	J010103	ENGINE TAPES J0101	CEN
			PWR LEVEL INDICATOR	
	POWER LEVEL INDICATOR-ENG #2	J010102	ENGINE TAPES J0101	CEN
			PWR LEVEL INDICATOR	
	POWER LEVEL INDICATOR-ENG #1	J010101	ENGINE TAPES J0101	CEN
			PWR LEVEL INDICATOR	
	POWER LEVEL INDICATOR	J01010X	ENGINE TAPES J0101	CEN
			PWR LEVEL INDICATOR	
	POWER CONTROL	F04040101	POWER	
	PRE-PLANNED DATA SHEET	Q50		
	PREPARE TO EJECT-COPILOT	D080102	PREPARE TO EJECT	PCP
	PREPARE TO EJECT SWITCHLIGHT	Q150	D080101	
	PREPARE TO EJECT-PILOT	D080101	PREPARE TO EJECT	PCP
	PREPARE TO EJECT	D08010X	PREPARE TO EJECT	PCP
	PREPARE TO EJECT - DSU	D080104		
	PREPARE TO EJECT-DSU	D080103	D080104	
			PREPARE TO EJECT-D	
			PREPARE TO EJECT-O	
	PRESENT POSITION WIND VELOCITY	E04010102	WD VEL	USO
	PRESENT POSITION ALTITUDE SEL	E04010105	HSL-HR	OSO
	PRESENT POSITION WIND DIR	E04010101	WD DIR	OSO
	PRESENT POSITION ALTITUDE	E04010106	ALT	OSO
	PRESENT POSITION LATITUDE	E04010103	LAT READOUT	OSO
	PRESENT POSITION LONGITUDE	E04010104		OSO

PAGE 31

NAME	CODE	SYNONYMS	PANEL
PRESET CHANNEL SELECTOR-PILOT	E0301010301		
PRESENT POSITION CORRECTION SW	E060108	PRES POS CORR	OSO
PRESET CHANNEL SELECTOR CONT	E03010X0301		
PRESET CHANNEL READOUT-PILOT	E0301010302	CHAN READOUT	
PRESENT POSITION MISSION TIME	E04010107	MISN T	OSO
PRESET CHANNEL SELECTOR-COP	E0301020301		
PRESET CHANNEL READOUT-COPILOT	E0301020302	CHAN READOUT	
PRESET CHANNEL READOUT	E03010X0302	CHAN READOUT	
PRGM DATA CONTROL SWITCH	W050402	DATA	OSO
PRIMARY THROTTLE LEVERS-CO	J03020X	J0302	CPD
PRIMARY THROTTLE LEVERS-PI	J03010X	J0301	LCN
PRIMARY LANDING GEAR CONTROL	G010101		CGP
PROGRAM ENABLE SWITCH	W050801	PRGM ENBL	OSO
PROGRAM RESET CONTROL	W0505	RESET	OSO
PROGRAM DISABLE SWITCH	W050802	PRGM DSBL	OSO
PROPRIOCEPTION	Q60		
PSO SEAT	C0503		
PUBLICATIONS	Q44		
PUSH-SET CHANNEL SELECTOR-COP	E03010209	PUSH SET CHAN	
PUSH-TO-TALK SWITCH	E03090X02		
PUSH-SET CHANNEL SELECTOR	E03010X09	PUSH SET CHAN	PCP
PUSH-TO-TALK SWITCH-COPILOT	E03090202		
PUSH-SET CHANNEL SELECTOR-PILOT	E03010109	PUSH SET CHAN	PCP
PUSH-TO-TALK SWITCH-PILOT	E03090102		
PWR OFF-ALT FAIL FLAG-COPILOT	F01040211	SENSITIVE ALT FAIL	PCP
PWR OFF-ALT FAIL FLAG-PILOT	F01040111	SENSITIVE ALT FAIL	PCP
PWR LEVEL WARNING LIGHTS	J01010X01		CEN
PWR-OFF FUEL VALVES AND PUMPS	Q78		
R ADS COUPLE SWITCH	Q117	PC10402	
R AGENT DISCH SWITCH	Q131	RO10302	
R APU FIRE SWITCHLIGHT	Q135	RO10202	
R APU MODE SW	Q121		
R CTL AVIONICS AIR MODE SELECT	Q161	NG10803	
R DIS SELECTOR PUSHBUTTON	W050302		OSO
R EGS SUPPLY SW	Q125	PC10502	
R FUEL BOOST CAUTION LIGHT	U01060202	R FUEL BOOST	CEN
R MAIN FILL VALVE SWITCH	U010302		CEN
R MAIN AGENT DISCHARGE LIGHT	Q132	RO10502	
R RES AGENT DISCHARGE LIGHT	Q134	RO10602	
R RUN LIGHT	Q122	PO10302	
R WG FILL VALVE SWITCH	U010205		CEN
R WG TANK TRANSFER SWITCH	U010406	TANK TRANSFER SWITCH TRANS PUMPS	CEN
RAD TEST SWITCH	E03040105	RAD TEST-MON	CPD
RADAR ALTITUDE DISPLAY-COPILOT	F0101021011	RADAR ALTITUDE	PCP
RADAR SET CONTROL-TFR	E0202	C7510-APQ-128 TFR CONTROL PANEL	CEN
RADAR ALTITUDE DISPLAY-PILOT	F0101011011	RADAR ALTITUDE	PCP
RADAR CURSORS	Q39		
RADAR SET CONTROL-PNL 2	E030502	C-7788-APX-78 X-BAND TRANSPONDER X-BAND XPNDR CONTROL	RCN

NAME

CODE

SYNONYMS

PANEL

RADAR SET CONTROL-X-BAND

E03050X

C-7788-APX-78

RCN

X-BAND TRANSPONDER

X-BAND XPNDR CONTROL

RADAR BOMB SCORING CONTROL

E0801

RBS

OSO

RADAR SET CONTROL-PNL 1

E030501

C-7788-APX-78

RCN

X-BAND TRANSPONDER

X-BAND XPNDR CONTROL

RADAR ALTIMETER INDICATOR

F010701

RADAR ALTIMETER

PIL

RADAR ALTITUDE DISPLAY

F01010X1011

RADAR ALTITUDE

PCP

RADAR ALTIMETER CONTROL PANEL

F010702

RDR ALTM

CPD

RADIO SET CONTROL PANEL

E0303

HF RADIO SET CONTROL

RCN

RADIO MODE SELECT SWITCH

E030301

FSK

RCN

RAIN REPEL QTY EM INDICATOR

N01110502

RAMP CONTROL-DISPLAY

A01010X

RAMP DISPLAY

COP

RAMP CONTROL-DISPLAY 2

A010102

RAMP DISPLAY

COP

RAMP CONTROL-DISPLAY 4

A010104

RAMP DISPLAY

COP

RAMP CONTROL-DISPLAY 3

A010103

RAMP DISPLAY

COP

RAMP CONTROL-DISPLAY 1

A010101

RAMP DISPLAY

COP

RANGE INT CONTROL

E060119

RANGE CURSOR

USO

RANGE INT

RANGE WARNING FLAG

F01020X22

PCP

RANGE WARNING FLAG-COPILOT

F01020222

PCP

RANGE SWITCH-FLR

E060113

OSO

RANGE SWITCH-TF

E020106

RANGE SW

USO

RANGE READOUT

E04010205

RNG-SEL PT

USO

SELECTED POINT-RNG

RANGE MARK CONTROL

E060111

RANGE MK

OSO

RANGE CURSORS

Q38

RANGE WARNING FLAG-PILOT

F01020122

PLP

RANGE CONTROL

E060301

OSO

RBS TONE SWITCH

E080101

OSO

RBS UHF-1,UHF-2,OFF SWITCH

E080102

OSO

RCD INIT-DIS TEST SWITCH

B010106

READY-NWS ADVISORY LIGHT

U060401

READY-NWS

CEN

READY-NWS LIGHT

REC COURSE POINTER-PILOT

F01020115

PCP

REC UNMARKED BEAR POINTER-COP

F01020214

PCP

REC COURSE POINTER-COPILOT

F01020215

PCP

REC UNMARKED BEAR POINTER-PIL

F01020114

PCP

RECIPROCAL NAV BEAR POINTERPIL

F01020113

PCP

RECIPROCAL NAV BEAR POINTERCOP

F01020213

PCP

RECIPROCAL NAVIGATION BEARING

F01020X13

PCP

REDUCE SPEED WARN IND-PILOT

F0106040102

PCP

REDUCE SPEED WARNING INDICATOR

F0106040X02

PLP

REDUCE SPEED WARN IND-COPILOT

F0106040202

PCP

RELATIVE BEARING INDICATOR

F04020101

RELEASE SIGNAL ANNUNCIATOR

W080605

REL SIG INDICATOR

OSO

REPLY INDICATOR

E03040102

REPLY

CPD

RES AGENT DISCHARGE LIGHTS

R01060X

RES AGENT DISCH

CEN

RESET SWITCH-SMS CRT

W070203

OSO

RESET SWITCH

E070203

OSO

RESTRAINT ASSY

C060X

RESTRAINT ASSY-COPILOT

C0602

RESTRAINT ASSY-PILOT

C0601

RESTRAINT ASSY INERTIAL REEL

Q169

NAME	CODE	SYNONYMS	PANEL
REV SWITCH	E070103	REV	OSO
RF GAIN CONTROL	E030306	RF GAIN	RCN
RGA CAUTION INDICATOR-1	FC106030101	RGA 1	PIL
		RGA 2	
RGA TEST SWITCH-COPILOT	FC1060206	RGA TEST SWITCH	LRCN
RGA CAUTION INDICATOR-2	FC106030102	RGA 1	PIL
		RGA 2	
RGA CAUTION INDICATOR	FC10603010X	RGA 1	PIL
		RGA 2	
RGA SWITCH	FC1110X01	COPLT'S RGA SWITCH	PCP
		PILOT'S RGA SWITCH	
RGA ADVISORY INDICATOR-PIL	FC1110102	RGA LIGHT	PIL
RGA ADVISORY INDICATOR	FC1110X02	RGA LIGHT	PCP
RGA SWITCH-COPILOT	FC1110201	COPLT'S RGA SWITCH	PCP
		PILOT'S RGA SWITCH	
RGA ADVISORY INDICATOR-COP	FC1110202	RGA LIGHT	COP
RGA SWITCH-PILOT	FC1110101	COPLT'S RGA SWITCH	PCP
		PILOT'S RGA SWITCH	
RGA TEST SWITCH-PILOT	FC1060106	RGA TEST SWITCH	LRCN
RIDE SELECT SWITCH	EC2020302	EC20203	CEN
		RIDE SELECT SWITCH	
		VOL ROTARY KNOB	
RIGHT APU EXHAUST TEMP GAGE	PG10202	EXHAUST GAS TEMP	OHD
		L APU EXH TEMP GAGE	
		R APU EXH TEMP GAGE	
RIGHT APU MODE SWITCH	PG10102	L APU MODE SWITCH	OHD
		R APU MODE SWITCH	
RIGHT GEAR ADVISORY LIGHT	CG10105	R GEAR LIGHT	COP
		RIGHT GEAR LIGHT	
RIGHT WINDOW REL CONT	DC70102	LEFT WINDOW RELEASE	OHD
		RIGHT WINDOW RELEASE	
RIGHT BUS TIE EM INDICATOR	LC1080201	III	OHD
		TIE CL	
		TIE OPEN	
RIGHT AGENT DISCHARGE SWITCH	RC10302	AGENT DISCH	CEN
		L AGENT DISCH	
		R AGENT DISCH	
RIGHT CIRCUIT BREAKERS	LO202	RH CB PANEL	
RIGHT APU FIRE SWITCHLIGHT	RC10202	APU FIRE	CEN
		AUX POWER UNIT	
RIGHT BLEED AIR OVERHEAT LIGHT	NC10302	L BLEED AIR OVERHEAT	CEN
		R BLEED AIR OVERHEAT	
		ECS SUPPLY SW	
RIGHT ECS SUPPLY SWITCH	PG10502		OHD
RIGHT RUN LIGHT	PG10302		OHD
RIGHT ADS COUPLE SWITCH	PG10402	R ADS COUPLE SW	CEN
RIGHT WINDSHIELD HT CAUTION LT	NC11202		
RIGHT SPOILER INDICATOR-2	FC110060202	RIGHT SPOILER-2	
RIGHT APU LOOP B LIGHT	RC2040202	L APU LOOP B LIGHT	OHD
		R APU LOOP B LIGHT	
RIGHT INBOARD SPOILER INDICATO	FC110060201	RIGHT SPOILER-1	R
RIGHT APU LOCKOUT SWITCH	RC20202	L APU LOCKOUT SWITCH	OHD
		R APU LOCKOUT SWITCH	
RIGHT OUTBOARD SPOILER INDICAT	FC110060204	RIGHT SPOILER-4	CR
RIGHT WINDOW SEVERANCE HANDLE	Q183	DC70102	

NAME

CODE

SYNONYMS

PANEL

RIGHT APU LOOP A LIGHT

R02030202

L APU LOOP A LIGHT
R APU LOOP A LIGHT
RIGHT SPOILER-3

OHD

RIGHT SPOILER INDICATOR-3

F0110060203

RIGHT SPOILER EM INDICATORS

F01100602

RIGHT CENTRAL COMPT HOT

N010904

COMPT HOT LIGHTS

CEN

RNDVS INDICATOR

E04010705

OSO

ROCKWELL INTERNATIONAL

Q76

RI

ROLL SCALE-PILOT

F0101011004

PCP

ROLL POINTER

F01010X1005

PCP

ROLL SCALE

F04010103

ROLL AUG OFF CAUTION LIGHT

S010704

ROLL AUG OFF LIGHT

CEN

ROLL POINTER-COP VSD

F0101021005

COP

ROLL AUG 1 CAUTION LIGHT

S010703

ROLL AUG 1 LIGHT

CEN

ROLL SCALE-COP

F0101021004

PCP

ROLL TRIM SWITCH

S010402

CPD

ROLL AUG SWITCH

S010405

CPD

ROLL POINTER-PILOT

F0101011005

PCP

ROTATION GO-AROUND TEST SWITCH

F01060X06

RGA TEST SWITCH

LRGN

ROTARY SELECTOR SWITCH

F010901

RCN

RPLY-DSBL SLU SWITCH

E080505

SLU

OSO

RT APU-ENG 3&4 BUTTON RESET SW

R010402

CEN

RT CNTRL AVIONICS AIR MODE SW

N010803

INTMD

OHD

L CTL

R CTL

RT MAIN AGENT DISCHARGE LIGHT

R010502

MAIN AGENT DISCH

CEN

RT RES AGENT DISCHARGE LIGHT

R010602

RES AGENT DISCH

CEN

RUDDER POSITION INDICATOR

F011001

PIL

RUDDER PEDAL ADJ HANDLES

S01060X02

RUD PEDAL ADJ

PCP

RUDDER PEDALS

S01060X01

PCP

SAFE ANNUNCIATOR

W080601

OSO

SAFE-ARM SWITCH

W0502

CONV

OSO

SAFE-INRANGE-STORES AWAY IND

W0103

PIL

SAFE INDICATOR

W010301

PIL

SCALE READOUT-FUEL-QTY

U0301

SCALE READOUT

U0501

U05

CEN

SEARCH-RESCUE PANEL

E0310

SEAT ARMRESTS

Q170

SEAT RESTRAINTS

Q12

SEAT ADJUST LEVER

Q10

SEATS

C05

SECOND CONTROL

F0404010304

SEC

SECOND CLOCK HAND

F0404010202

SECOND COUNTER

F0404010302

SEC

SECTOR SWITCH

E060302

OSO

SECURE STORAGE CONTAINER

C120902

CMF CONTAINER

SECURE VOICE CONTROL PANEL

E0302

C-7990-ARC

LCN

CIPHONY

SECURE VOICE CNTRL

SEL ST OUT AFT LMTS CTN LIGHT

U040203

CEN

SEL ST OUT FWD LMTS CTN LIGHT

U040204

CEN

SEL-NORM SWITCH

W051401

JETTISON-SEL-NORM

OSO

SELECT QUANTITY DIGITAL READ

U01080X

QTY LBS

CEN

READOUT

SELECT TANK SWITCH

U0109

SEL TK

CEN

SEL TK SWITCH

NAME	CODE	SYNONYMS	PANEL
SELF-TEST VALID LIGHT	F01070103		PIL
SENSITIVE ALTITUDE SCALE	F01040X08		PCP
SENSITIVE ALT SCALE-COPILOT	F01040208		PCP
SENSITIVE ALT SCALE INDEX-PIL	F01040110		PCP
SENSITIVE ALT SCALE MKR-PIL	F01040109		PCP
SENSITIVE ALT SCALE INDEX LINE	F01040X10		PCP
SENSITIVE ALT SCALE COMM MARK	F01040X09		PCP
SENSITIVE ALT SCALE-PILOT	F01040108		PCP
SENSOR BRIGHTNESS CONTROL	F01010X07	SENSOR BRT	PCP
SENSOR CONTRAST CONT-PILOT	F01010106	SENSOR CNTRST	PCP
SENSOR BRT CONTROL-COPILOT	F01010207	SENSOR BRT	PCP
SENSOR CONTRAST CONTROL	F01010X06	SENSOR CNTRST	PCP
SENSITIVE ALT SCALE MKR-COP	F01040209		PCP
SENSOR CONTRAST CONT-COPILOT	F01010206	SENSOR CNTRST	PCP
SENSITIVE ALT SCALE INDEX-COP	F01040210		PCP
SENSOR BRT CONTROL-PILOT	F01010107	SENSOR BRT	PCP
SEQUENCE SWITCH	U0107	SEQ SWITCH	CEN
SEQUENCE READOUT	W010102	PT-SEQ	PIL
SEQUENCE POINT READOUT	W0101	PT-SEQ	PIL
SEQUENCE NUMBER	E04010208	SEQ NO-1	OSO
SEQUENCE NUMBER IDENTIFIER	E04010207		OSO
SERVICING NOZZLES	Q97		
SET HEADING-SYNC SWITCH	F01090302	PUSH TO SYNC	RCN
		SET HEADING	
SET MODE & MAC SELECTOR SW	U040103	SET MODE & MAC	CEN
SET INDEX CONTROL KNOB	F04020107	SET INDEX	
SIDE LOBE CANCELLATION CONTROL	E060205	SLC	USO
SIDE WINDOWS	C04020X		
SIDE WINDOW - LEFT	C040201		
SIDE WINDOW - RIGHT	C040202		
SKY TEXTURE-PILOT	F0101011019		PCP
SKY TEXTURE-COPILOT	F0101021019		PCP
SLATS POSITION INDICATOR	F011005		PIL
SLIPWAY DOOR HANDLE	U0601		OHG
SLIPWAY LIGHTS SWITCH	U060203		OHG
SLOPE CONTRON	E060116	SLOPE	OSO
SMCS SWITCH	S010411		CPD
SMCS CAUTION LIGHT	SC401		CEN
SMOKE HOODS	Q164		
SMS CRT READOUT ASSEMBLY-LEFT	W06		OSO
SMS CRT READOUT ASSEMBLY-RIGHT	W07		OSO
SMS CRT READOUT	W0702		OSO
SMY DATA CONTROL SWITCH	W050401	DATA	OSO
SPD BRK SWITCH	S010410	SPDEK	CPD
		SPDEK SWITCH	
		SC20301	
SPEED BRK CONTROL-PIL	Q145		
SPEED LOCKUP SWITCH	J0702		CPD
SPHEROID-PITCH SCALE	F020110		CEN
SPOILER INDICATOR	F01100601		
SPOILER INDICATORS	F011006		
SPOILER 1 CAUTION LIGHT	S030201	SPOILER 1 LIGHT	PIL
SPOILER INDICATORS	F011006020X		CEN
SPOILER SWITCH	SC10408		CPD
SPOILER OFF CAUTION LIGHT	S030202	SPOILER OFF LIGHT	CEN

PAGE 36
NAME

CODE

SYNONYMS

PANEL

SPOT CONTROL

CC10502

LT
SPOT
SQUELCH-DISABLE
SQUELCH-DISABLE
SQUELCH
SQUELCH-DISABLE
NO10403
AIR HOT LIGHTS

RCN

CEN

CEN

PIL

PCP

PCP

PCP

CEN

CEN

CEN

OHD

SQUELCH SWITCH
SQUELCH SWITCH-PILOT
SQUELCH CONTROL
SQUELCH SWITCH-COPILOT
ST AIR SOURCE CONTROL SWITCH
ST AIR HOT CAUTION LIGHT
ST BAY LCV CONTROL SWITCH
ST BAY FILL VALVE SWITCH
ST DLVY CAUTION LIGHT
STABILIZER POSITION INDICATOR
STALL WARN INDICATOR-COPILOT
STALL WARN INDICATOR-PILOT
STALL WARNING INDICATOR
STANDBY MAGNETIC COMPASS
STANDBY ALTIMETER
STANDBY ATTITUDE DIRECTOR IND
STANDBY COMPASS LIGHT CONTROL
START-STOP TEST SWITCH
START-RESET PUSHBUTTON

EC3010X08
EC3010108
EC30302
EC3010208
Q157
NO10503
UD70406
UC10201
W0807
F011002
F0106040201
F0106040101
F0106040X01
F0204
F0203
F0201
CC10107
B010104
FC404010305

STAB
STALL
STALL
STALL

SADI

RESET
START

SLU
DATA
STA
STEERING COMMAND
SEQ NO-STEERING
TTD-STEERING
DIST
DIST-STEERING
DIR-TRK
MODE-STEERING
STEERING COMMAND

OSO

OSO

OSO

PCP

OSO

OSO

OSO

OSO

OSO

OSO

OSO

PCP

PCP

PCP

PCP

PCP

PCP

CPD

RTCN

PIL

OHD

STATION LOGIC UNIT SWITCHES
STAT DATA CONTROL SWITCH
STATION NUMERIC KEYBOARD
STEERING COMMAND SYMBOL-COP
STEERING SEQUENCE NUMBER
STEERING TIME READOUT
STEERING DISTANCE READOUT

EC8050X
W050404
W0509
FC101021014
EC4010302
EC4010303
EC4010304

STEERING MODE SELECTOR

EC4010305

STEERING COMMAND SYMBOL-PIL
STEERING MODE LEGEND-COPILOT
STEERING MODE LEGENDS
STEERING COMMAND SYMBOL
STEERING MODE LEGEND-PILOT
STEER ENGAGE-DISENGAGE SWITCH
STEERING MODE CONTROL SWITCH
STICK SHAKER SWITCH
STORES AWAY INDICATOR
STORE AIR SOURCE CONTROL SW
STORES STATIONS
STORES DELIVERY PANEL

FC101011014
FC101021012
FC1010X1012
FC1010X1014
FC101011012
GC2020X
GC20102
SC10204
WC10303
NO10403
Q49
W08

STEERING COMMAND

NWS SWITCH
STICK SHAKER
AWAY INDICATOR

OSO

OSO

OSO

OSO

OSO

OSO

OSO

OSO

OSO

OSO

OSO

OSO

OSO

STORE POWER SWITCH
STORES
STORES MANAGEMENT PANEL
STRATEGIC AIR COMMAND
SUBSYSTEM SELECT MATRIX SW
SURVIVAL KIT
SWEEP CONTROL
SYMBOLS SWITCH
SYMBOL BRIGHTNESS CONT-COPILOT
SYMBOL BRIGHTNESS CONT-PILOT

WC513
Q62
WC5
Q77
BC10103
Q187
EC60123
EC10602
FC1010205
FC1010105

ST DLVY
STORES DELIVERY PNL
ST POWER
WEAPONS
STORES MGMT PNL
SAC

OSO

OSO

OSO

OSO

OSO

OSO

SWEEP

SYM BRT
SYM BRT

OSO

OSO

OSO

OSO

OSO

PAGE 37
NAME

CODE

SYNONYMS

PANEL

SYMBOL BRIGHTNESS CONTROL
SYNCHRONIZATION INDICATOR

F01010X05
F01090301

SYM BRT
SYNC
SYNC INDICATOR
SYS SELECT SWITCH
SYS MAL

PCP
RCN

SYSTEM SELECT SWITCH
SYSTEM MALFUNCTION INDICATOR
TACAN CONTROL SWITCH-PILOT
TACAN TRANSFER MODE LIGHT-COP
TACAN TRANSFER MODE LIGHT-PI
TACAN ANTENNA CONTROL SWITCH
TACAN CONTROL SWITCH-COPILOT
TACTICAL AIR NAVIGATION SYSTEM

U04010102
E060102
E030901010501
E030902010502
E030901010502
E030803
E030902010501
E0307

C-9054-ARN-84(V)
TACAN CONTROL
TACAN CONTROL PANEL
TU-LDG
TAKE CMD

CEN
OSU
LCN
RCN
LCN
OHD
RCN
CPD

TAKEOFF AND LANDING CONTROL PNL
TAKE COMMAND PUSHBUTTON
TANKER COPILOT UHF
TANKER PILOT UHF
TANK SELECT ROTARY CONTROL
TAPE POINTER
TARGET
TARGET TAPE POINTER
TARGET DAMAGE
TAS-CAS READOUT
TER FLW WARNING LIGHT

G02
S03010X01
Q69
Q68
U070603
U02030X
Q83
U020302
Q84
F04030102
E02040X

TAS
COPILOT TER FLW LT
PILOTS TER FLW LT
COPILOT TER FLW LT
PILOTS TER FLW LT

CPD
PCP

TER FLW WARNING LIGHT-PILOT

E020401

COPILOT TER FLW LT
PILOTS TER FLW LT

PCP

TER FLW GAIN LOW CAUTION LT
TER FLW WARNING LIGHT-COPILOT

E020305
E020402

TER FLW SWITCHLIGHT

PCP

TERRAIN FOLLOWING INDICATOR
TERRAIN FOLLOWING PUSHBUTTON
TEST INVALID INDICATOR
TEST SWITCH-IND-REC
TEST INDICATOR-FLIR
TEST SWITCHES-ICS
TEST SWITCH
TEST PUSHBUTTON
TEST SWITCH-COPILOT ICS
TEST INDICATOR
TEST SWITCH-PILOT ICS
TEST COMPLETE INDICATOR
TEST IN PROGRESS INDICATOR
TF INDICATOR PANEL

E04010702
S03010X07
B01010903
E060110
E010402
E03090X0113
C01050401
F01070203
E0309020113
E03040103
E0309010113
B01010902
B01010901
E0201

TEST-IND-REC
TEST-FLIR

TEST

TEST-IFF

IP-1012-APQ-134A
RADAR INDICATOR

RADAR SCOPE
LEFT MODE SEL SW
MODE-TFR
RIGHT MODE SEL SW

OSU
PCP

OSU

PCP

CPD

RCN

CPD

LCN

CEN

CEN

CEN

TF INDICATOR SCREEN
TFR MODE SWITCH-RIGHT

E020101
E02020202

TFR FLT VECTOR CAUTION LIGHT
TFR FAIL INDICATORS
TFR DRIFT CAUTION LIGHT
TFR VELOCITY CAUTION LT
TFR TURN G-LIMIT CAUTION LT

E020304
Q79
E020303
E020302
E020301

CEN

CEN

CEN

CEN

PAGE 39

NAME	CODE	SYNONYMS	PANLL
TRANS PMP GEOGRAPHIC SCHEMATIC	UC110		CEN
TRANSFER PUMP SWITCHES	UC1040X	TANK TRANSFER SWITCH TRANS PUMPS	CEN
TRANSVERSE BUNK LIGHT	CC107		
TRIM FOR TAKEOFF (TTO) SWITCH	SC103020301	TO	CPD
TRIM FOR TAKEOFF LIGHT	SC103020302	TTO LIGHT	CPD
TRUE HEADING READOUT	EC4010110	TH	
TURN-SLIP INDICATOR-PILOT	FC1010108		PCP
TURN AND SLIP INDICATOR	FC1010X08		PCP
TURN-SLIP INDICATOR-COPILOT	FC1010208		PCP
TV POD CONTROL	FC10101		
TYPE STORE INDICATOR	WS104	ST INDICATOR	PIL
UHF 2 CONTROL SWITCH-PILOT	EC30901010301		LCN
UHF 2 ANTENNA CONTROL SWITCH	EC3080202		CHD
UHF POWER SUPPLY SELECT SWITCH	EC30805		CHD
UHF 1 ANTENNA CONTROL SWITCH	EC3080201		CHD
UHF 1 CONTROL SWITCH-PILOT	EC30901010201		LCN
UHF SECURE COMPUTER	EC311	KK 5025-1	
UHF 2 TRANSFER MODE LIGHT-PIL	EC30901010302		LCN
UHF 2 TRANSFER MODE LIGHT-COP	EC30902010302		RCN
UHF 2 CONTROL SWITCH-COPILOT	EC30902010301		RCN
UHF 1 TRANS MODE LIGHT-COPILOT	EC30902010202		RCN
UHF 1 CONTROL SWITCH-COPILOT	EC30902010201		RCN
UHF 1 TRANS MODE LIGHT-PILOT	EC30901010202		LCN
UNIT ADA MOVING TAPE-COPILOT	FC1030216		PCP
UNIT ADA FIXED SCALE	FC1030X14	F1030116 F1030216 UNIT ADA MOVING TAPE	PCP
UNIT ADA FAIL-POWER OFF FLAG	FC1030X15		PCP
UNIT ADA FIXED SCALE-PIL	FC1030114	F1030116 F1030216 UNIT ADA MOVING TAPE	PCP
UNIT ADA FAIL-PWR OFF-PIL	FC1030115		PCP
UNIT ADA MOVING TAPE-PILOT	FC1030116		PCP
UNIT ADA FIXED SCALE-COP	FC1030214	F1030116 F1030216 UNIT ADA MOVING TAPE	PCP
UNIT ADA FAIL-PWR OFF-COP	FC1030215		PCP
UNKNOWN-1	EC70413		
UNMARKED BEARING POINTER-COP	FC1020205		PCP
UNMARKED BEARING POINTER-PIL	FC1020105		PCP
UNMARKED BEARING POINTER	FC1020X05		PCP
UNUSED FILM INDICATOR	EC60105		
UPDATE QUALITY SELECTOR	EC40206	UPDT QUAL	USO
UPDT REJ INDICATOR	EC20703	UPDT REJ	USO
UPPER POLAROID FILTER CONTROL	EC2010101		
UPPER WINDOW - RIGHT	CC40302		
UPPER DIGITAL READOUT (QTY LBS)	UC10801	QTY LBS READOUT	CEN
UPPER WINDOW - LEFT	CC40301		
UPPER WINDOWS	CC4030X		
UPRIGHTING SYSTEM CONTROL	DS5	UP RIGHTING	CHD
UTILITY LIGHTS	CC103		
VARIABLE ALTITUDE INDEX MARKER	FC1070107		PIL
VELOCITY VECTOR SYMBOL-COP	FC101021022		COP

NAME	CODE	SYNONYMS	PANEL
VELOCITY VECTOR SYMBOL-PILOT	F0101011022		PCP
VELOCITY VECTOR SYMBOL	F01010X1022		PCP
VERNIER ALTITUDE SCALE-PILOT	F01040112		PCP
VERNIER ALTITUDE SCALE	F01040X12		PCP
VERNIER ALT SCALE INDEX-PILOT	F01040113		PCP
VERNIER ALTITUDE SCALE-COP	F01040212		PCP
VERNIER ALT SCALE INDEX-COP	F01040213		PCP
VERTICAL STRAIGHT SCALES	UC701		
VERTICAL SITUATION DISPLAY	F01010X	DU VSD	PCP
VERTICAL STEERING POINTER	F020104	BANK STEERING BAR	CEN
VIB HIGH ANNUNCIATOR-ENG #4	J080104	VIB HIGH	CEN
VIB HIGH ANNUNCIATOR-ENG #1	J080101	VIB HIGH	CEN
VIB HIGH ANNUNCIATOR-ENG #2	J080102	VIB HIGH	CEN
VIB HIGH ANNUNCIATOR-ENG #3	J080103	VIB HIGH	CEN
VIBRATION HIGH ANNUNCIATORS	J08010X	VIB HIGH	CEN
VIDEO CONTROL-TF	E020105	VIDEO-TF	CEN
VIDEO SELECT SWITCH	E010603		
VIDEO CONTROL-FLR	E060121	VIDEO-FLR	USD
VOL ROTARY KNOB	E02020301	E020203 RIDE SELECT SWITCH VOL ROTARY KNOB	CEN
VOLTAGE-FREQ SELECTOR SWITCH	L010101		USD
VOLTAGE METER	L010201	VOLTS-METER	USD
VOLUME SWITCH	E03060102	VOL-ILS	CPD
VOLUME CONTROL-COPILOT	E03010206	VOL-RADIO	
VOLUME CONTROL-PILOT	E03010106	VOL-RADIO	
VOLUME SWITCH-COPILOT ICS	E0309020111		RCN
VOLUME CONTROL	E03010X06	VOL-RADIO	
VOLUME CONTROL-RADIO	E030304	VOLUME	RCN
VOLUME CONTROL-TACAN	E030703		CPD
VOLUME-RIDE CONTROL	E0202030X	E020203 RIDE SELECT SWITCH VOL ROTARY KNOB	CEN
VOLUME SWITCHES-ICS-PILOT	E0309010111		
VSD INDICATOR-COPILOT	F0101020202		PCP
VSD INDICATOR-PILOT	F0101010202		PCP
VSD INDICATOR	F01010X0202		PCP
VSD	Q24		
VSD-PILOT	F010101	DU VSD	PCP
VSD-COPILOT	F010102	DU VSD	PCP
VSI TEST SWITCH-COPILOT	F01060204		LRCN
VSI TEST SWITCH-PILOT	F01060104		LRCN
VSI TEST SWITCH	F01060X04		LRCN
WARNING-CAUTION LIGHTS	Q25		
WASH QTY EM INDICATOR	NC1110501		
WD-DSBL SWITCH	E080202		
WG L QTY TAPE INDICATOR	U010103	QTY TAPE INDICATOR	USD
WG LCV CONTROL SWITCH	U070405		CEN
WG R QTY TAPE INDICATOR	U010104	QTY TAPE INDICATOR	CEN
WINDSHIELD HOT CAUTION LIGHTS	NC1120X		CEN
WINDSCREEN	C04010X		
WINDSHIELD - LEFT	C040101	WINDSHIELD	

PAGE 41
NAME

CODE

SYNONYMS

PANEL

WINDSHIELD - RIGHT	0040102		
WINDSHIELD RAIN REPELLENT SW	NC11104		OHD
WINDSHIELD WASH SELECT SWITCH	NC11103		OHD
WINDSHIELD MODE SELECT SWITCH	NC11102		OHD
WINDSHIELD POWER SELECT SWITCH	NC11101		OHD
WING SWEEP HANDLES	S02010X		LRCN
WING-SWEEP SURFACE POS IND	F0110	WING-SWEEP SURF POS	PIL
WING SWEEP POSITION INDICATOR	F011003		PIL
X-HAIR CURSORS	Q37		
X-Y SWITCH	EC3070402		CPD
XMTR TUNE CONTROL	EC60108	XMTR TUNE	OSO
YAW AUG OFF CAUTION LIGHT	S010706	YAW AUG OFF LIGHT	CEN
YAW TRIM SWITCH	S010403		CPD
YAW AUG SWITCH	S010406		CPD
YAW AUG 1 CAUTION LIGHT	S010705	YAW AUG 1 LIGHT	CEN
YAW LIMITER CAUTION LIGHT	S010707	YAW LIMITER LIGHT	CEN
YAW CONTROL TRIM SWITCH	Q176	S010403	
ZEROIZE SWITCH	E030204		LCN
1 ADS	J080301	ADS ANNUNCIATORS	CEN
1 AICS NORM CAUTION LIGHT	AO10401		CEN
100 FOOT DRUM	FC20305		CEN
1000 FOOT COUNTER	FC2030601		CEN
2 ADS	J080302	ADS ANNUNCIATORS	CEN
2 AICS NORM CAUTION LIGHT	AO10402		CEN
3 ADS	J080303	ADS ANNUNCIATORS	CEN
3 AICS NORM CAUTION LIGHT	AO10403		CEN
4 ADS	J080304	ADS ANNUNCIATORS	CEN
4 AICS NORM CAUTION LIGHT	AO10404		CEN

REPORT 3

Code/Name/Comments List

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
AC1	1				1	
AC1010X	2					
	1	UNIT				
	2	CONTAINS CONTROLS FOR EACH OF 4 AICS'S, RAMP, THRUST, BYPASS				
	12345				0709	12345678
	1	UNDER NORMAL CONDITIONS, EACH RAMP DISPLAY INDICATION WILL AGREE				
	2	APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR				
	3	IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND				
	4	INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE				
	5	SETTING KNOB				
	6	FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE				
	7	ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL				
	8	UNIT FAILURE HAS OCCURRED				
	9	SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER				
AC1010X03						
AC10101						
	1	MANUAL SET KNOBS-RAMP				
	2	DISPLAYS				
	3	RAMP CONTROL-DISPLAY 1				
AC10102						
	1	UNIT				
	2	CONTAINS CONTROLS FOR EACH OF 4 AICS'S, RAMP, THRUST, BYPASS				
	12345				0709	12345678
	1	UNDER NORMAL CONDITIONS, EACH RAMP DISPLAY INDICATION WILL AGREE				
	2	APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR				
	3	IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND				
	4	INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE				
	5	SETTING KNOB				
	6	FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE				
	7	ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL				
	8	UNIT FAILURE HAS OCCURRED				
	9	SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER				
AC10103						
	1	UNIT				
	2	CONTAINS CONTROLS FOR EACH OF 4 AICS'S, RAMP, THRUST, BYPASS				
	12345				0709	12345678
	1	UNDER NORMAL CONDITIONS, EACH RAMP DISPLAY INDICATION WILL AGREE				
	2	APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR				
	3	IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND				
	4	INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE				
	5	SETTING KNOB				
	6	FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE				
	7	ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL				
	8	UNIT FAILURE HAS OCCURRED				
	9	SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER				
AC10104						
	1	UNIT				
	2	CONTAINS CONTROLS FOR EACH OF 4 AICS'S, RAMP, THRUST, BYPASS				
	12345				0709	12345678
	1	UNDER NORMAL CONDITIONS, EACH RAMP DISPLAY INDICATION WILL AGREE				
	2	APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR				
	3	IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND				
	4	INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE				
	5	SETTING KNOB				
	6	FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE				
	7	ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL				
	8	UNIT FAILURE HAS OCCURRED				
	9	SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER				

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
A01020X	THRUST CONTROL-DISPLAY	12345				6789	12345678
		1		UNDER NORMAL CONDITIONS, EACH THRUST DISPLAY INDICATION WILL AGREE			
		2		APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR			
		3		IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND			
		4		INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE			
		5		SETTING KNOB			
		6		FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE			
		7		ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL			
		8		UNIT FAILURE HAS OCCURRED			
		9		SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER			
A01020X03	MANUAL SET KNOBS-THRUST	12345				6789	12345678
AL16201	THRUST CONTROL-DISPLAY 1	1		UNDER NORMAL CONDITIONS, EACH THRUST DISPLAY INDICATION WILL AGREE			
		2		APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR			
		3		IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND			
		4		INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE			
		5		SETTING KNOB			
		6		FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE			
		7		ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL			
		8		UNIT FAILURE HAS OCCURRED			
		9		SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER			
A010202	THRUST CONTROL-DISPLAY 2	12345				6789	12345678
		1		UNDER NORMAL CONDITIONS, EACH THRUST DISPLAY INDICATION WILL AGREE			
		2		APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR			
		3		IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND			
		4		INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE			
		5		SETTING KNOB			
		6		FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE			
		7		ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL			
		8		UNIT FAILURE HAS OCCURRED			
		9		SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER			
A010203	THRUST CONTROL-DISPLAY 3	12345				6789	12345678
		1		UNDER NORMAL CONDITIONS, EACH THRUST DISPLAY INDICATION WILL AGREE			
		2		APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR			
		3		IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND			
		4		INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE			
		5		SETTING KNOB			
		6		FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE			
		7		ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL			
		8		UNIT FAILURE HAS OCCURRED			
		9		SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER			
A010204	THRUST CONTROL-DISPLAY 4	12345				6789	12345678
		1		UNDER NORMAL CONDITIONS, EACH THRUST DISPLAY INDICATION WILL AGREE			
		2		APPROXIMATELY WITH AIR VEHICLE MACH INDICATOR			
		3		IF IT DOES NOT AGREE, THE COPILOT MUST MANUALLY POSITION 'COMMAND			
		4		INDICE' TO THE AIR VEHICLE INDICATED MACH AND PULL OUT ON THE INDICE			
		5		SETTING KNOB			
		6		FLAG WINDOW AT BOTTOM OF DISPLAY WILL INDICATE 'OFF' WHENEVER THE			
		7		ELECTRICAL POWER TO THE DISPLAY IS BELOW MINIMUM OR MANUAL CONTROL			
		8		UNIT FAILURE HAS OCCURRED			
		9		SOLENOID FLAG-GAUGE CALIBRATED IN MACH NUMBER			

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
A01030X	BYPASS CONTROL-DISPLAY				189	150789
						23456789
						SOLENOID FLAG-GAUGE CALIBRATED IN PERCENT OPEN
						ON BYPASS DOOR INDICATORS ONLY, DIRECTIONAL ARROW-SHAPED AMBER CAUTION
						LIGHTS ARE PROVIDED INDICATE DIRECTION 'COMMAND BUG' SHOULD BE
						ROTATED WHEN LIGHTS ARE ON
						EMERGENCY MODE IS PROVIDED IN CASE BUZZ CONDITION CANNOT BE CORRECTED
						EMERGENCY MODE IS ACTIVATED BY CONTINUED CLOCKWISE ROTATION OF THE
						PULL-MAN KNOB AND TURNING IT ALL THE WAY
						WINDOW WITH FLAG INDICATES OFF (BLACK LETTERS ON FLUORESCENT RED
						BACKGROUND) WHEN POWER SUPPLY OUTPUTS BELOW NORMAL PERFORMANCE LEVEL
						1347
						ONE ASSOCIATED WITH EACH BYPASS DISPLAY
						ARROW-SHAPED CAUTION LIGHT
						INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF
						THE RESPECTIVE AICS-AIRFLOW DEMAND EXCEEDS INLET SUPPLY CAPABILITY
						IF MANUAL MODE-ROTATE RESPECTIVE MANUAL SET KNOB IN DIRECTION
						INDICATED BY CRIT ARROW. IF AUTO MODE-PULL OUT KNOB AND SET
						WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS
						1345
						ONE ASSOCIATED WITH EACH BYPASS DISPLAY
						ARROW-SHAPED CAUTION LIGHTS
						INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF
						RESPECTIVE AICS
						WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS
						ADJUST PERTINENT MANUAL SET KNOB IN DIRECTION INDICATED BY
						BUZZ LIGHT-IF LIGHT PERSISTS, ROTATE KNOB CLOCKWISE THROUGH
						DETENT, ALLOWING BYPASS DOOR TO 'FREE FLOAT'
						1
						TO POSITION BYPASS DOOR
						2
						KNOB
						23456789
						SOLENOID FLAG-GAUGE CALIBRATED IN PERCENT OPEN
						ON BYPASS DOOR INDICATORS ONLY, DIRECTIONAL ARROW-SHAPED AMBER CAUTION
						LIGHTS ARE PROVIDED INDICATE DIRECTION 'COMMAND BUG' SHOULD BE
						ROTATED WHEN LIGHTS ARE ON
						EMERGENCY MODE IS PROVIDED IN CASE BUZZ CONDITION CANNOT BE CORRECTED
						EMERGENCY MODE IS ACTIVATED BY CONTINUED CLOCKWISE ROTATION OF THE
						PULL-MAN KNOB AND TURNING IT ALL THE WAY
						WINDOW WITH FLAG INDICATES OFF (BLACK LETTERS ON FLUORESCENT RED
						BACKGROUND) WHEN POWER SUPPLY OUTPUTS BELOW NORMAL PERFORMANCE LEVEL
						1347
						ONE ASSOCIATED WITH EACH BYPASS DISPLAY
						ARROW-SHAPED CAUTION LIGHT
						INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF
						THE RESPECTIVE AICS-AIRFLOW DEMAND EXCEEDS INLET SUPPLY CAPABILITY
						IF MANUAL MODE-ROTATE RESPECTIVE MANUAL SET KNOB IN DIRECTION
						INDICATED BY CRIT ARROW. IF AUTO MODE-PULL OUT KNOB AND SET
						WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS
						1
						TO POSITION BYPASS DOOR
						2
						KNOB
						23456789
						SOLENOID FLAG-GAUGE CALIBRATED IN PERCENT OPEN
						ON BYPASS DOOR INDICATORS ONLY, DIRECTIONAL ARROW-SHAPED AMBER CAUTION
						LIGHTS ARE PROVIDED INDICATE DIRECTION 'COMMAND BUG' SHOULD BE
						ROTATED WHEN LIGHTS ARE ON
						EMERGENCY MODE IS PROVIDED IN CASE BUZZ CONDITION CANNOT BE CORRECTED
						EMERGENCY MODE IS ACTIVATED BY CONTINUED CLOCKWISE ROTATION OF THE
						PULL-MAN KNOB AND TURNING IT ALL THE WAY
						WINDOW WITH FLAG INDICATES OFF (BLACK LETTERS ON FLUORESCENT RED
						BACKGROUND) WHEN POWER SUPPLY OUTPUTS BELOW NORMAL PERFORMANCE LEVEL
						1347
						ONE ASSOCIATED WITH EACH BYPASS DISPLAY
						ARROW-SHAPED CAUTION LIGHT
						INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF
						THE RESPECTIVE AICS-AIRFLOW DEMAND EXCEEDS INLET SUPPLY CAPABILITY
						IF MANUAL MODE-ROTATE RESPECTIVE MANUAL SET KNOB IN DIRECTION
						INDICATED BY CRIT ARROW. IF AUTO MODE-PULL OUT KNOB AND SET
						WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS

BYPASS CONTROL-DISPLAY

BYPASS CRIT LEGEND LIGHT

BYPASS BUZZ LEGEND LIGHT

MANUAL SET KNOB-BYPASS

BYPASS CONTROL-DISPLAY 1

#1 BYPASS CRIT LEGEND LIGHT

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
AC103010102	#1 BYPASS BUZZ LEGEND LIGHT	678	*CORR-ACTION			
			1	1345	2	
			2	ONE ASSOCIATED WITH EACH BYPASS DISPLAY		
			3	ARROW-SHAPED CAUTION LIGHTS		
			4	INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF RESPECTIVE AICS		
			5	WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS		
			6	ADJUST PERTINENT MANUAL SET KNOB IN DIRECTION INDICATED BY BUZZ LIGHT-IF LIGHT PERSISTS, ROTATE KNOB CLOCKWISE THROUGH DETENT, ALLOWING BYPASS DOOR TO "FREE FLOAT"		
AC1030104	MANUAL SET KNOB--#1 BYPASS		1			
AC10302	BYPASS CONTROL-DISPLAY 2		1	1345	2	
			2	TO POSITION BYPASS DOOR		
			3	KNOB		
			4	23456789	169	156789
			5	SOLENOID FLAG-GAUGE CALIBRATED IN PERCENT OPEN		
			6	ON BYPASS DOOR INDICATORS ONLY, DIRECTIONAL ARROW-SHAPED AMBER CAUTION LIGHTS ARE PROVIDED INDICATE DIRECTION "COMMAND BUG" SHOULD BE ROTATED WHEN LIGHTS ARE ON		
			7	EMERGENCY MODE IS PROVIDED IN CASE BUZZ CONDITION CANNOT BE CORRECTED		
			8	PULL-MAN KNOB AND TURNING IT ALL THE WAY		
			9	WINDOW WITH FLAG INDICATES OFF (BLACK LETTERS ON FLUORESCENT RED BACKGROUND) WHEN POWER SUPPLY OUTPUTS BELOW NORMAL PERFORMANCE LEVEL		
AC103020101	#2 BYPASS CRIT LEGEND LIGHT	56				
			1	1345	2	
			2	ONE ASSOCIATED WITH EACH BYPASS DISPLAY		
			3	ARROW-SHAPED CAUTION LIGHT		
			4	INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF THE RESPECTIVE AICS-AIRFLOW DEMAND EXCEEDS INLET SUPPLY CAPABILITY		
			5	IF MANUAL MODE-ROTATE RESPECTIVE MANUAL SET KNOB IN DIRECTION INDICATED BY CRIT ARROW. IF AUTO MODE-PULL OUT KNOB AND SET WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS		
AC103020102	#2 BYPASS BUZZ LEGEND LIGHT	678				
			1	1345	2	
			2	ONE ASSOCIATED WITH EACH BYPASS DISPLAY		
			3	ARROW-SHAPED CAUTION LIGHTS		
			4	INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF RESPECTIVE AICS		
			5	WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS		
			6	ADJUST PERTINENT MANUAL SET KNOB IN DIRECTION INDICATED BY BUZZ LIGHT-IF LIGHT PERSISTS, ROTATE KNOB CLOCKWISE THROUGH DETENT, ALLOWING BYPASS DOOR TO "FREE FLOAT"		
AC1030204	MANUAL SET KNOB--#2 BYPASS		1			
AC10303	BYPASS CONTROL-DISPLAY 3		1	1345	2	
			2	TO POSITION BYPASS DOOR		
			3	KNOB		
			4	23456789	169	156789
			5	SOLENOID FLAG-GAUGE CALIBRATED IN PERCENT OPEN		
			6	ON BYPASS DOOR INDICATORS ONLY, DIRECTIONAL ARROW-SHAPED AMBER CAUTION LIGHTS ARE PROVIDED INDICATE DIRECTION "COMMAND BUG" SHOULD BE ROTATED WHEN LIGHTS ARE ON		
			7	EMERGENCY MODE IS PROVIDED IN CASE BUZZ CONDITION CANNOT BE CORRECTED		
			8	PULL-MAN KNOB AND TURNING IT ALL THE WAY		
			9	WINDOW WITH FLAG INDICATES OFF (BLACK LETTERS ON FLUORESCENT RED BACKGROUND) WHEN POWER SUPPLY OUTPUTS BELOW NORMAL PERFORMANCE LEVEL		

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
A0103030101	56	1 2 3 4 5 6 7	#3 BYPASS CRIT LEGEND LIGHT	1347 ONE ASSOCIATED WITH EACH BYPASS DISPLAY ARROW-SHAPED CAUTION LIGHT INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF THE RESPECTIVE AICS-AIRFLOW DEMAND EXCEEDS INLET SUPPLY CAPABILITY IF MANUAL MODE-ROTATE RESPECTIVE MANUAL SET KNOB IN DIRECTION INDICATED BY CRIT ARROW. IF AUTO MODE-PULL OUT KNOB AND SET WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS 1345		2	
A0103030102	678	1 2 3 4 5 6 7	#3 BYPASS BUZZ LEGEND LIGHT	1347 ONE ASSOCIATED WITH EACH BYPASS DISPLAY ARROW-SHAPED CAUTION LIGHTS INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF RESPECTIVE AICS WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS ADJUST PERTINENT MANUAL SET KNOB IN DIRECTION INDICATED BY BUZZ LIGHT-IF LIGHT PERSISTS, ROTATE KNOB CLOCKWISE THROUGH DETENT, ALLOWING BYPASS DOOR TO "FREE FLOAT". 1		2	
A01030304			MANUAL SET KNOB-#3 BYPASS				
A010304		1 2	BYPASS CONTROL-DISPLAY 4	189 SOLENOID FLAG-GAUGE CALIBRATED IN PERCENT OPEN ON BYPASS DOOR INDICATORS ONLY, DIRECTIONAL ARROW-SHAPED AMBER CAUTION LIGHTS ARE PROVIDED INDICATE DIRECTION "COMMAND BUG" SHOULD BE ROTATED WHEN LIGHTS ARE ON EMERGENCY MODE IS PROVIDED IN CASE BUZZ CONDITION CANNOT BE CORRECTED PULL-MAN KNOB AND TURNING IT ALL THE WAY WINDOW WITH FLAG INDICATES OFF (BLACK LETTERS ON FLUORESCENT RED BACKGROUND) WHEN POWER SUPPLY OUTPUTS BELOW NORMAL PERFORMANCE LEVEL 1347		189	156789
A0103040101	56	1 2 3 4 5 6 7 8 9	#4 BYPASS CRIT LEGEND LIGHT	1347 ONE ASSOCIATED WITH EACH BYPASS DISPLAY ARROW-SHAPED CAUTION LIGHT INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF THE RESPECTIVE AICS-AIRFLOW DEMAND EXCEEDS INLET SUPPLY CAPABILITY IF MANUAL MODE-ROTATE RESPECTIVE MANUAL SET KNOB IN DIRECTION INDICATED BY CRIT ARROW. IF AUTO MODE-PULL OUT KNOB AND SET WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS 1345		2	
A0103040102	678	1 2 3 4 5 6 7	#4 BYPASS BUZZ LEGEND LIGHT	1347 ONE ASSOCIATED WITH EACH BYPASS DISPLAY ARROW-SHAPED CAUTION LIGHTS INDICATES FAILURE IN EITHER AUTOMATIC OR MANUAL CONTROL MODE OF RESPECTIVE AICS WORKS IN CONJUNCTION WITH AICS AND MASTER CAUTION LIGHTS ADJUST PERTINENT MANUAL SET KNOB IN DIRECTION INDICATED BY BUZZ LIGHT-IF LIGHT PERSISTS, ROTATE KNOB CLOCKWISE THROUGH DETENT, ALLOWING BYPASS DOOR TO "FREE FLOAT". 1		2	
A01030404			MANUAL SET KNOB-#4 BYPASS				

CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
AC104	AICS CAUTION LIGHT	64	1 2 3 4 5 6 7 8 9	ILLUMINATES WHEN A BUZZ OR CRIT CONDITION EXISTS AS SHOWN BY ANY OF THE FOUR BUZZ OR CRIT ARROW-SHAPED AMBER LIGHTS ABOVE BYPASS DOOR INLET CAUTION LIGHT	124567	3	I	124567
A01040X	AICS NORM CAUTION LIGHT	3	1 2 3 4 5 6 7 8 9	ILLUMINATION OF AICS LIGHT DIRECTS ATTENTION TO MCU TO IDENTIFY PROBLEM INLET SPECIFIC AICS CAUTION LIGHT CHANGES FROM FLASHING TO STEADY WHEN AICS AND MASTER CAUTION SYSTEMS ARE RESET PUSH MASTER CAUTION SWITCHLIGHT TO EXTINGUISH AND RESET AICS LIGHT REFER TO BUZZ OR CRIT CAUTION LIGHT FOR CORRECTIVE ACTION REQUIRED	24	1	I	
A010401	1 AICS NORM CAUTION LIGHT	3	1 2 3 4	CAUTION LIGHT INDICATES FAILURE OF RESPECTIVE AICS NORM HYDRAULICS SYSTEM POSITION AICS HYD SWITCH ASSOCIATED WITH LIGHT TO ALTER WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS	24	1	I	
A010402	2 AICS NORM CAUTION LIGHT	3	1 2 3 4	CAUTION LIGHT INDICATES FAILURE OF RESPECTIVE AICS NORM HYDRAULICS SYSTEM POSITION AICS HYD SWITCH ASSOCIATED WITH LIGHT TO ALTER WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS	24	1	I	
A010403	3 AICS NORM CAUTION LIGHT	3	1 2 3 4	CAUTION LIGHT INDICATES FAILURE OF RESPECTIVE AICS NORM HYDRAULICS SYSTEM POSITION AICS HYD SWITCH ASSOCIATED WITH LIGHT TO ALTER WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS	24	1	I	
A010404	4 AICS NORM CAUTION LIGHT	3	1 2 3 4	CAUTION LIGHT INDICATES FAILURE OF RESPECTIVE AICS NORM HYDRAULICS SYSTEM POSITION AICS HYD SWITCH ASSOCIATED WITH LIGHT TO ALTER WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS	24	1	I	
A010405	INLET LIP CAUTION LIGHT I	34	1 2 3 4	CAUTION LIGHT INDICATES THAT THE TWO POSITION COWL LIP FOR RESPECTIVE INLET IS NOT IN ITS PROPER POSITION FOR CURRENT FLIGHT MODE IF DURING TAKEOFF, REDUCE RESPECTIVE ENGINE RPM AND ABOUT MISSION IF DURING FLIGHT, REDUCE A-V SPEED TO (TBD) KNOTS WORKS IN CONJUNCTION WITH MASTER CAUTION-SWITCHLIGHTS	125	6	I	
A02	AICS CONTROL PANEL		1 2 3 4 5 6	UNIT CONTAINS SWITCHES THAT CONTROL MODE OF FOUR AICS SYSTEMS	12345	16	I	2345
A0201CX	AICS CONTROL SWITCH		1 2 3 4 5 6	CONTAINS FOUR SWITCHES THAT CONTROL MODE OF FOUR AICS SYSTEMS TO-LOG LOCKS THROAT, KAMP AND BYPASS DOORS IN MAXIMUM AREA DOOR POS NORM IS NORMALLY SELECTED AT A .55 MACH AIR VEHICLE SPEED ALTER IS SELECTED MANUALLY WHEN AICS DISPLAYS INDICATE MALFUNCTION IN NORM MODE			I	
				3 POS TOGGLE SWITCH				

PAGE 7	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
CODE								
AC2C101	AICS CONTROL SWITCH 1	1 2 3 4 5 6	12345 CONTAINS FOUR SWITCHES THAT CONTROL MODE OF FOUR AICS SYSTEMS TO-LOG LOCKS THROAT, RAMP AND BYPASS DOORS IN MAXIMUM AREA DUOR POS NORM IS NORMALLY SELECTED AT A .55 MACH AIR VEHICLE SPEED ALTER IS SELECTED MANUALLY WHEN AICS DISPLAYS INDICATE MALFUNCTION IN NORM MODE 3 POS TOGGLE SWITCH				16	2345
AC20102	AICS CONTROL SWITCH 2	1 2 3 4 5 6	12345 CONTAINS FOUR SWITCHES THAT CONTROL MODE OF FOUR AICS SYSTEMS TO-LOG LOCK, THROAT, RAMP AND BYPASS DOORS IN MAXIMUM AREA DUOR POS NORM IS NORMALLY SELECTED AT A .55 MACH AIR VEHICLE SPEED ALTER IS SELECTED MANUALLY WHEN AICS DISPLAYS INDICATE MALFUNCTION IN NORM MODE 3 POS TOGGLE SWITCH				16	2345
AC2C103	AICS CONTROL SWITCH 3	1 2 3 4 5 6	12345 CONTAINS FOUR SWITCHES THAT CONTROL MODE OF FOUR AICS SYSTEMS TO-LOG LOCKS THROAT, RAMP AND BYPASS DOORS IN MAXIMUM AREA DUOR POS NORM IS NORMALLY SELECTED AT A .55 MACH AIR VEHICLE SPEED ALTER IS SELECTED MANUALLY WHEN AICS DISPLAYS INDICATE MALFUNCTION IN NORM MODE 3 POS TOGGLE SWITCH				16	2345
A02C104	AICS CONTROL SWITCH 4	1 2 3 4 5 6	12345 CONTAINS FOUR SWITCHES THAT CONTROL MODE OF FOUR AICS SYSTEMS TO-LOG LOCKS THROAT, RAMP AND BYPASS DOORS IN MAXIMUM AREA DUOR POS NORM IS NORMALLY SELECTED AT A .55 MACH AIR VEHICLE SPEED ALTER IS SELECTED MANUALLY WHEN AICS DISPLAYS INDICATE MALFUNCTION IN NORM MODE 3 POS TOGGLE SWITCH				16	2345
BC1	CITS CONTROL, DISPLAY PANEL	1	A UNIT CONSISTING OF B1 THROUGH B3				1	
BC20101	CITS FAULT ISLN SWITCH	1						
BC10102	CITS KEYBOARD	1 2	12 A DECIMAL KEYBOARD, ALLOWS ENTRY OF NUMERICALLY CODED DATA (UP TO 10 DIGITS) INTO THE COMPUTER.				12	
BC10103	SUBSYSTEM SELECT MATRIX SW	1 2 3	123 A MATRIX OF 50 SWITCH INDICATORS, IDENTIFIES SUBSYSTEM FAILURES AND ALLOWS SELECTION OF INDIVIDUAL SUBSYSTEMS FOR DISPLAY OF FAILURE INFORMATION.				123	
BC10104	START-STOP TEST SWITCH	1	1 COMPUTER AND KEYBOARD DISPLAY MODE				1	
BC10105	*DIS MODE* SWITCH	1	1 RECORD INITIATE AND DISPLAY TEST SWITCH				1	
BC10106	RCU INIT-DIS TEST SWITCH	1	123 ALPHANUMERIC (INCANDESCENT FILAMENT) READOUT PROVIDED FOR DISPLAY OF CITS DATA, INCLUDING FAILURE MESSAGES, FAILED LRU ID, PARAMETER INFO, AND KEYBOARD-ENTERED DATA FOR VERIFICATION.				123	
BC10107	DISPLAY RESET-RECALL SWITCH	1						
BC10108	CITS READOUT	1						
BC10109	LEGEND INDICATOR	1						
BC1010901	TEST IN PROGRESS INDICATOR	1						
BC1010902	TEST COMPLETE INDICATOR	1						
BC1010903	TEST INVALID INDICATOR	1						
BC1010904	CITS FAILURE INDICATOR	1						

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
B0201	45	1	ALERTS DSO OF A SUBSYSTEM FAILURE DETECTED BY THE CITS				23
		2	WHEN MASTER ADVISORIES ARE ENERGIZED, LEGEND 'CITS' WILL BE DISPLAYED				
		3	AS ILLUMINATED CHARACTERS ON AN OPAQUE BACKGROUND, COLOR BLUE.				
		4	ACTUATING THE SWITCH-INDICATOR EXTINGUISHES THE LEGEND ALLOWING				
		5	INDICATION OF ANY SUBSEQUENT FAILURE DETECTED BY THE CITS.				23
B0202	45	1	ALERTS DSO OF A SUBSYSTEM FAILURE DETECTED BY THE CITS.				
		2	WHEN MASTER ADVISORIES ARE ENERGIZED, LEGEND 'CITS' WILL BE DISPLAYED				
		3	AS ILLUMINATED CHARACTERS ON AN OPAQUE BACKGROUND COLOR BLUE.				
		4	ACTUATING THE SWITCH-INDICATOR EXTINGUISHES THE LEGEND ALLOWING				
		5	INDICATION OF ANY SUBSEQUENT FAILURE DETECTED BY THE CITS.				
B03		1	A UNIT CONSISTING OF C1-1.1 THROUGH C1-10				1
CG0101		123					4
CG010101		1	OFF MODE REMOVES ELECTRICAL POWER FROM ANTI-COLLISION LIGHTS				
		2	ANTI-COLLISION MODE ILLUMINATES TAIL STROBE LIGHT ASSEMBLY AND TWO				123
		3	WING MOUNTED STROBE LIGHT ASSEMBLIES				
		4	2 POS TOGGLE SWITCH				
		1234					5
		1	BRIGHT MODE PROVIDES FULL RATED VOLTAGE TO THE SEVEN-POSITION LIGHTS				1234
		2	DIM MODE REDUCES LIGHTING INTENSITY OF THE SEVEN-POSITION LIGHTS TO				
		3	1 PERCENT OF BRIGHT MODE				
		4	OFF REMOVES ELECTRICAL POWER FROM POSITION LIGHTS				
		5	3 POS TOGGLE SWITCH				5
		1234					1234
		1	STEADY MODE PROVIDES CONTINUOUS STEADY CURRENT FLOW TO THE POSITION				
		2	LIGHTS				
		3	FLASH MODE PROVIDES FLASH RATE OF APPROXIMATELY 85 FLASHES/MINUTE FOR				
		4	POSITION LIGHTS				
		5	2 POS TOGGLE SWITCH				7
		23456					156
		1	CENTER POSITION IS OFF				
		2	USED TO TEST ALL CAUTION LIGHTS IN BRIGHT AND DIM MODES-LACK OF				
		3	ILLUMINATION OF ANY CAUTION LIGHT INDICATES FAULTY LIGHT NOT SENSING				
		4	SYSTEM				
		5	WHEN SWITCH IN EITHER BRIGHT OR DIM MODE-ALL ANNUNCIATORS AND SOLENOID				
		6	FLAGS OPERATE CONTINUOUSLY EXCEPT FOR MAIN CAUTION PANEL				
		7	3 POS TOGGLE SWITCH				3
		12					12
		1	SELECTS INTENSITY OF CAUTION LIGHTS AS REQUIRED BY AMBIENT LIGHTING				
		2	CONDITIONS				
		3	2 POS TOGGLE SWITCH				
		1245					6
		1	CONTROLS INTENSITY OF FLOOD LIGHTS PROVIDED FOR ILLUMINATION OF MAIN				
		2	INSTRUMENT PANEL AND OVERHEAD PANEL				
		3	INTENSITY RANGES FROM OFF TO FULL BRIGHTNESS				
		4	ROTATING 180 DEG OR GREATER CLOCKWISE AUTOMATICALLY TRANSFERS THE				
		5	ANNUNCIATOR LIGHTS TO BRIGHT MODE				
		6	CONTROL IS ROTARY SWITCH				
CG01010201		1	POSITION LIGHT MODE SWITCH				
CG01010202		1	ANNUNCIATOR BRIGHT DIM MODE				
		SW					
CG010103		1	MAIN INST & GND FLOOD				
		CONTROL					
CG010104		1	ANNUNCIATOR BRIGHT DIM MODE				
		SW					
CG010105		1	MAIN INST & GND FLOOD				
		CONTROL					

PAGE 9 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
CG10106	PED & SIDE CNSL FLOOD CONTROL	1 2 3 4	CONTROLS INTENSITY OF FLOOD LIGHTS PROVIDED FOR ILLUMINATION OF CENTER PEDESTAL AND BOTH LEFT AND RIGHT SIDE CONSOLES INTENSITY RANGES FROM OFF TO FULL BRIGHTNESS CONTROL IS ROTARY SWITCH				4	123
CG10107	STANDBY COMPASS LIGHT CONTROL	1 2 3 4	ACTIVATES OFF/ON CONTROL OF STANDBY COMPASS INTEGRAL LIGHTING - THE INTENSITY OF THIS LIGHTING IS PROVIDED BY PILOTS PRIMARY FLIGHT INSTRUMENT LIGHTING CONTROL 2 POS TOGGLE SWITCH				4	
CG10108	AOA DISPLAY LIGHT CONTROL	1 2 3	ALPHA POSITION CONTROLS INTENSITY OF INTEGRAL LIGHTING OF THE TAPE FOR THE PILOTS INDICATOR FROM OFF TO FULL BRIGHT 2 POS TOGGLE SWITCH				3 12	
CG10109	PILOTS AFCS & INDEXER CONTROL	1 2 3 4 5 6	CONTROLS INTENSITY OF ADVISORY LIGHTS WITHIN AFCS PUSHBUTTONS AND ANGLE-OF-ATTACK INDEXER LIGHTS INTENSITY VARIES FROM OFF TO FULL INTENSITY TESTED WITH OPERATION OF ANNUNCIATOR TEST SWITCH - TEST BRIGHT IN BOTH MODES CONTROLS PILOT DISPLAYS WITH ROTARY SWITCH				456 1	123 2345
CG10110X	OHD+PED INTEGRAL LIGHT CONTROL	1 2 3 4 5	STACKED COMBINATION OF 2 SWITCHES INSIDE SWITCH CONTROLS INTEGRAL LIGHTING OF OVERHEAD PANEL, FROM OFF TO FULL BRIGHTNESS - ROTARY SWITCH OUTSIDE SWITCH CONTROLS INTEGRAL LIGHTING OF CENTER PEDESTAL, FROM OFF TO FULL BRIGHTNESS				1	2345
CG1011001	OVRD INTEGRAL LIGHT CONTROL	1 2 3 4 5	STACKED COMBINATION OF 2 SWITCHES INSIDE SWITCH CONTROLS INTEGRAL LIGHTING OF OVERHEAD PANEL, FROM OFF TO FULL BRIGHTNESS - ROTARY SWITCH OUTSIDE SWITCH CONTROLS INTEGRAL LIGHTING OF CENTER PEDESTAL, FROM OFF TO FULL BRIGHTNESS				1	2345
CG1011002	PED INTEGRAL LIGHT CONTROL	1 2 3 4 5	STACKED COMBINATION OF 2 SWITCHES INSIDE SWITCH CONTROLS INTEGRAL LIGHTING OF OVERHEAD PANEL, FROM OFF TO FULL BRIGHTNESS - ROTARY SWITCH OUTSIDE SWITCH CONTROLS INTEGRAL LIGHTING OF CENTER PEDESTAL, FROM OFF TO FULL BRIGHTNESS				1	2345
CG10111	COPILOT AFCS-INDEXER CONTROL	1 2 3 4 5 6	CONTROLS INTENSITY OF ADVISORY LIGHTS WITHIN AFCS PUSHBUTTONS AND ANGLE-OF-ATTACK INDEXER LIGHTS - ROTARY SWITCH INTENSITY VARIES FROM OFF TO FULL INTENSITY TESTED WITH OPERATION OF ANNUNCIATOR TEST SWITCH - TEST BRIGHT IN BOTH MODES CONTROLS COPILOTS DISPLAYS				2	123

PAGE ID CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
CC101120X	PILOT INTEGRAL LIGHT SW	1 2 3 4 5 6 7	3456 STACKED ROTARY COMBINATION SWITCH, INTENSITY VARIES FROM OFF TO FULL BRIGHTNESS - ROTARY CONTROL OUTER SWITCH CONTROLS PILOTS LEFT CONSOLE AND LH WING SWEEP INTEGRAL LIGHTING INTENSITY INNER SWITCH CONTROLS PILOTS SHROUD-MOUNTED DISPLAY, PRIMARY FLIGHT INSTRUMENTS, AND FLAP, SLAT, SPOILER INDICATOR PILOTS L CSL & ALPHA IND & PRIMARY FLT INSTR INTEGRAL LIGHTING SWITCH 12 123456	7			12	123456
CC1011201	PIL L CSL INTEGRAL LIGHT SW	1 2 3 4 5 6 7	3456 STACKED ROTARY COMBINATION SWITCH, INTENSITY VARIES FROM OFF TO FULL BRIGHTNESS - ROTARY CONTROL OUTER SWITCH CONTROLS PILOTS LEFT CONSOLE AND LH WING SWEEP INTEGRAL LIGHTING INTENSITY INNER SWITCH CONTROLS PILOTS SHROUD-MOUNTED DISPLAY, PRIMARY FLIGHT INSTRUMENTS, AND FLAP, SLAT, SPOILER INDICATOR PILOTS L CSL & ALPHA IND & PRIMARY FLT INSTR INTEGRAL LIGHTING SWITCH 12 123456	7			12	123456
CC1011202	PIL IND & PRIM FLT INSTR SW	1 2 3 4 5 6 7	3456 STACKED ROTARY COMBINATION SWITCH, INTENSITY VARIES FROM OFF TO FULL BRIGHTNESS - ROTARY CONTROL OUTER SWITCH CONTROLS PILOTS LEFT CONSOLE AND LH WING SWEEP INTEGRAL LIGHTING INTENSITY INNER SWITCH CONTROLS PILOTS SHROUD-MOUNTED DISPLAY, PRIMARY FLIGHT INSTRUMENTS, AND FLAP, SLAT, SPOILER INDICATOR PILOTS L CSL & ALPHA IND & PRIMARY FLT INSTR INTEGRAL LIGHTING SWITCH 12 123456	7			12	123456
CC10113	CM INST PNL INT LIGHT SW	1 2	1 CONTROLS INTENSITY OF CENTER INSTRUMENT PANEL - ROTARY SWITCH 2 ROTARY SWITCH				12	123456
CC101140X	COP INTEGRAL LIGHTING SWITCH	1 2 3 4 5 6 7	3456 STACKED ROTARY COMBINATION SWITCH, INTENSITY VARIES FROM OFF TO FULL BRIGHTNESS OUTER SWITCH CONTROLS COPILOTS RIGHT-HAND CONSOLE AND RH WING SWEEP INTEGRAL LIGHTING INTENSITY INNER SWITCH CONTROLS COPILOTS RH DISPLAY, PRIMARY FLIGHT INSTRUMENTS, AND FLAP, SLAT, SPOILER INDICATOR COPILOTS R CSL-ALPHA IND & PRIMARY FLT INSTR INTEGRAL LIGHTING SWITCH 12 123456	7			12	123456
CC1011401	COP R CSL INTEGRAL LT SW	1 2 3 4 5 6 7	3456 STACKED ROTARY COMBINATION SWITCH, INTENSITY VARIES FROM OFF TO FULL BRIGHTNESS OUTER SWITCH CONTROLS COPILOTS RIGHT-HAND CONSOLE AND RH WING SWEEP INTEGRAL LIGHTING INTENSITY INNER SWITCH CONTROLS COPILOTS RH DISPLAY, PRIMARY FLIGHT INSTRUMENTS, AND FLAP, SLAT, SPOILER INDICATOR COPILOTS R CSL-ALPHA IND & PRIMARY FLT INSTR INTEGRAL LIGHTING SWITCH 12 123456	7			12	123456
CC1011402	COP ALPHA & PRIM FLT INST LT	1 2 3 4 5 6 7	3456 STACKED ROTARY COMBINATION SWITCH, INTENSITY VARIES FROM OFF TO FULL BRIGHTNESS OUTER SWITCH CONTROLS COPILOTS RIGHT-HAND CONSOLE AND RH WING SWEEP INTEGRAL LIGHTING INTENSITY INNER SWITCH CONTROLS COPILOTS RH DISPLAY, PRIMARY FLIGHT INSTRUMENTS, AND FLAP, SLAT, SPOILER INDICATOR COPILOTS R CSL-ALPHA IND & PRIMARY FLT INSTR INTEGRAL LIGHTING SWITCH 12 123456	7			12	123456

PAGE 11 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
CC010115	AISLE LIGHTING CONTROL	1 2 3 4 5 6 7 8	14567 CONTROLS AISLE LIGHTING ADDITIONAL, IDENTICAL SWITCH ON LEFT WALL OF ENTRY WAY - OPERATES INDEPENDENT OF MAIN SWITCH ENABLES SUFFICIENT CREW MODULE AREA LIGHTING FOR EXPEDIENT ENTRY BY FLIGHT CREW DURING QUICK REACTION TAKEOFFS DURING ALERTS, AISLE LIGHTS AUTOMATICALLY COME ON WHEN ALERT SWITCH IS PRESSED 3 PGS TOGGLE SWITCH	23			B	4567
CC0102	EMERGENCY LIGHTING	1	UNIT					
CC010201	FWD EMERGENCY LIGHT	1	LOCATED IN CREW STATION BUT NOT ON FLT OR AFT PANELS	1				
CC01020103	BRI-LIM INTEGRAL SWITCH	1	THIS WAS ADDED TO SUPPORT TE. 1 115 27					
CC010202	AFT EMERGENCY LIGHT	1	NOT ON FLT OR AFT STA INST PANELS	1				
CC0103	UTILITY LIGHTS	1 2 3 4 5 6 7 8 9	356789 LOCATED IN SNAP-IN HOLDER, AFT ON LEFT AND RIGHT CONSOLES, PROVIDED WITH RETRACTABLE CORDS PROVIDE EACH PILOT WITH A SOURCE OF RED, WHITE COMPARTMENT LIGHTS VARIES IN INTENSITY FROM OFF TO FULL BRIGHTNESS MOMENTARY SWITCH ALLOWS MOMENTARY USE OF THE UNIT IN A FULL BRIGHT MODE FOR SHORT TIME INSPECTION OR MORSE CODE MESSAGE TRANSMISSION LIGHTS ILLUMINATE AUTOMATICALLY FULL BRIGHT AS LONG AS BATTERY SWITCH IS IN ON/AUTO POSITION, ENTRY DOOR IS UP, LOCKED, AND NO AC POWER OTHER THAN EMERGENCY GENERATOR POWER IS AVAILABLE	12 34				456789
CC010301	PILOT UTILITY LIGHT	1						
CC010302	COPILOT UTILITY LIGHT	2						
CC010303	USO UTILITY LIGHT	3						
CC010304	USO UTILITY LIGHT	4						
CC0104	DSC LIGHT CONTROL PANEL	5						
CC0105	DSC LIGHT CONTROL PANEL	6						
CC0105010X	INTGR-ANG CONTROL	7						
CC01050101	INTGR-ANG CONTROL	8						
CC01050102	INTGR-ANG CONTROL	9						
CC010502	SPOT CONTROL	1 2	12 ROTARY KNOB, CONTROLS INTENSITY OF THE INTGR INSTRUMENT PANEL LIGHTING INNER CONTROL OF THIS DUAL ROTARY CONTROL DEVICE	12				
CC010503	FLOOD CONTROL	1 2 3 4	123 ROTARY KNOB, OUTER CONTROL OF THIS DUAL ROTARY DEVICE, CONTROLS INTENSITY OF ALPHANUMERIC AND DISPLAYS ON CONSOLES AND INSTRUMENT PANELS 2 PGS TOGGLE SWITCH CONTROLS A FIXED POSITION, FIXED INTENSITY CHARTBOARD SPOT LIGHT ROTARY KNOB CONTROLS INTENSITY OF FLOOD LIGHTING ILLUMINATING THE PANELS AND RIGHT HAND. INTENSITY OF LIGHTING IS INCREASED BY ROTATING KNOB CLOCKWISE	123 1 2 23 1				

PAGE 12 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
C01050401	TEST SWITCH	1 2 3 4 5 6 7 8	2345678 3 POS TUGGLE SWITCH ERT POSITION ARMS ALL AFT STATION WARNING, CAUTION, ADVISORY LIGHTS FOR BRIGHT INTENSITY UPON RECEIPT OF A SIGNAL. DIM POSITION ARMS ALL THE AFT STATION LIGHTS FOR A DIM INTENSITY UPON RECEIPT OF A SIGNAL. CENTER POSITION ALLOWS LIGHTS TO BE AUTOMATICALLY RESET AND ARMED FOR BRIGHT INTENSITY UPON RECEIPT OF A SIGNAL WHEN A-C MAIN POWER IS OFF, THE DSO OR OSO INTEGRAL LIGHT CONTROL IS OFF, OR FLOOD LIGHTS ARE ON.				1	2345678
C01050402	INTENSITY SWITCH	1 2 3	3 PCS TUGGLE SWITCH PROVIDES SELECTION OF MAXIMUM (BRT) OR MINIMUM (DIM) ANNUNCIATOR LIGHT TESTING					
C0106	LONGITUDINAL BUNK LIGHT	1	1 LOCATED NOT ON FLT OR AFT STA INST PANELS					
C0107	TRANSVERSE BUNK LIGHT	1	1 LOCATED NOT ON FLT OR AFT STA INST PANELS					
C0108	GALLEY LIGHT	1	1 NOT LOCATED ON FLT OR AFT STA INST PANELS					
C0109	TOILET LIGHT	1	1 NOT LOCATED ON FLT OR AFT STA INST PANELS					
C0110	CREW ENTRY LIGHT SWITCH	1 2	12 LOCATED EXTERIOR TO CREW STATION BUT USED BY FLIGHT PERSONNEL PRIOR TO FLIGHT				3	4
C020X	MASTER AUDIO CUTOFF CONTROL	1 2 3	1 LOCATED ABOVE EACH PILOT'S PRIMARY INSTRUMENTS 2 USED TO SILENCE AUDIO WARNING SIGNALS AT PILOT'S DISCRETION 3 CONTROL IS A PUSHBUTTON SWITCH				3	2
C0201	MASTER AUDIO CUTOFF CONTROL-P	1 2 3	1 LOCATED ABOVE EACH PILOT'S PRIMARY INSTRUMENTS 2 USED TO SILENCE AUDIO WARNING SIGNALS AT PILOT'S DISCRETION 3 CONTROL IS A PUSHBUTTON SWITCH				3	2
C0202	MASTER AUDIO CUTOFF CONTROL-CP	1 2 3	1 LOCATED ABOVE EACH PILOT'S PRIMARY INSTRUMENTS 2 USED TO SILENCE AUDIO WARNING SIGNALS AT PILOT'S DISCRETION 3 CONTROL IS A PUSHBUTTON SWITCH				1	
C0301	OXYGEN PANEL	1	UNIT				2	1
C030101	LIQUID OXYGEN QUANTITY METER	1 2	1 MEASURES OXYGEN QUANTITY IN LITERS 2 METER				1	
C030102	OXYGEN TEST PUSHBUTTON	1	1 PUSHBUTTON SWITCH				1	
C0302	EMERGENCY OXYGEN CONTROL	1 2	1 HAND GRIP CONTROL 2 TO PROVIDE EMERGENCY OXYGEN					
C0303	OXYGEN INDICATOR							
C030301	OXYGEN LOW CAUTION LIGHT							
C030401	OXYGEN FLOW SHUTOFF TOGGLE VLV	1 2	1 2 PGS TOGGLE SWITCH 2 NOT LOCATED ON FLT OR AFT STATION INST PANELS					

PAGE 13
CODE

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
CC304020X	EMERGENCY OXYGEN PRESS GAGE	1	1	FIXED SCALE-MOVING POINTER WITH 2 SEGMENTS (C-1800, 1800-2500)	1			
CC3040201	EMERG OXYGEN PRESS-FIXED SCALE	2	2	INDICATE EMERG OXYGEN PRESSURE	1			
CC3040202	EMERG OXYGEN-MOVING SCALE	1	1	FIXED SCALE-MOVING POINTER WITH 2 SEGMENTS (C-1800, 1800-2500)	1			
CC304030X	DILUTER-PRESSURE DEMAND REGS	2	2	INDICATE EMERG OXYGEN PRESSURE	1			
CC3040301	DILUTER-PRESSURE DEMAND-PIL	2	2	FIXED SCALE-MOVING POINTER WITH 2 SEGMENTS (C-1800, 1800-2500)	1			
CC3040302	DILUTER-PRESSURE DEMAND-COP	1	3	3 POSITION REGULATOR	1			
CC3040303	DILUTER-PRESSURE DEMAND-OSO	2	2	NOT LOCATED ON FLT OR AFT STA INST PANELS	3			
CC3040304	DILUTER-PRESSURE DEMAND-OSO	3	3	PILOTS	1			
CC40404	OXYGEN EXTENSION HOSE	1	1	COPILOTS				
CC4010X	WINDSCREEN	2	2	NOT LOCATED ON FLT OR AFT STA INST PANELS				
CC40101	WINDSHIELD - LEFT	3	3	3 POSITION REGULATOR	1			
CC40102	WINDSHIELD - RIGHT	1	1	3 POSITION REGULATOR				
CC4020X	SIDE WINDOWS	2	2	3 POSITION REGULATOR				
CC40201	SIDE WINDOW - LEFT	1	1	3 POSITION REGULATOR				
CC40202	SIDE WINDOW - RIGHT	2	2	OSO'S				
CC4030X	UPPER WINDOWS	3	3	NOT LOCATED ON FLT OR AFT STA INST PANELS	1			
CC40301	UPPER WINDOW - LEFT	1	1	3 POSITION REGULATOR				
CC40302	UPPER WINDOW - RIGHT	2	2	OSO'S				
CC4040X	FLASHBLINDNESS WINDOWS	3	3	NOT LOCATED ON FLT OR AFT STA INST PANELS	1			
CC40401	FLASHBLINDNESS WINDOW-LEFT	1	1	1 NO VERBAL DESCRIPTION AVAILABLE				
CC40402	FLASHBLINDNESS WINDOW-RIGHT	1	1	1 NO VERBAL DESCRIPTION AVAILABLE				
CC40403	FLASHBLIND-LF SIDE WINDOW	1	1	1 NO VERBAL DESCRIPTION AVAILABLE				
CC40404	FLASHBLIND-RI SIDE WINDOW	1	1	1 NO VERBAL DESCRIPTION AVAILABLE				
CC40405	FLASHBLIND-UP LF WINDOW	1	1	1 NO VERBAL DESCRIPTION AVAILABLE				
CC40406	FLASHBLIND-UP RT WINDOW	1	1	1 NO VERBAL DESCRIPTION AVAILABLE				
CC501	SEATS							
CC50101	PILOT SEAT	1	1	1 ADJUSTS POSITION OF ARMRESTS	1			
CC50102	PILOT ARMREST ADJUST CONTROL	1	1	1 ADJUSTS VERTICAL POSITION OF SEAT	1			

PAGE 14
CODE

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
C050103 PILOT FORE-AFT ADJUST CONTROL	1	ADJUSTS FORE-AFT POSITION OF SEAT					1
C050104 PILOT TILT ADJUST CONTROL	1	ADJUSTS TILT POSITION OF SEAT					1
C050201 COPILOT SEAT COPILOT ARMREST ADJUST CONTROL	1	ADJUSTS POSITION OF ARMRESTS					1
C050202 COPILOT FORE-AFT ADJUST CONT	1	ADJUSTS VERTICAL POSITION OF SEAT					1
C050204 COPILOT TILT ADJUST CONTROL	1	ADJUSTS FORE-AFT POSITION OF SEAT					1
C050301 PSO SEAT DSO ARMREST ADJUST CONTROL	1	ADJUSTS TILT POSITION OF SEAT					1
C050302 DSO VERTICAL ADJUST SWITCH	1	ADJUSTS POSITION OF ARMRESTS					1
C050303 DSO FORE-AFT ADJUST CONTROL	1	ADJUSTS VERTICAL POSITION OF SEAT					1
C050304 DSO TILT ADJUST CONTROL	1	ADJUSTS FORE-AFT POSITION OF SEAT					1
C060X C0601 C0602 C070101 C080202 C080302 C080401 C120902 D01010X	12	RESTRAINT ASSY RESTRAINT ASSY-PILOT RESTRAINT ASSY-COPILOT OPEN-CLOSE DOOR HANDLE ENTRY LADDER CONTROL LEVER-ENT ENTRY LADDER CONTROL SWITCH LADDER-MANUAL CRANK (ENTRYWAY) SECURE STORAGE CONTAINER EJECTION CONTROLS, FORWARD STA					1
D010101 PILOT EJECTION CONTROL	1 2 3 4 5 12	PROVIDE CAPABILITY FOR INDEPENDENT INITIATION OF EJECTION FUNCTIONS BY PILOT AND COPILOT COLOR CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK STRIPES EQUIPPED WITH SAFETY LOCKS HAND-GRIP CONTROL					345
D010102 COPILOT EJECTION CONTROL	1 2 3 4 5 12	PROVIDE CAPABILITY FOR INDEPENDENT INITIATION OF EJECTION FUNCTIONS BY PILOT AND COPILOT COLOR CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK STRIPES EQUIPPED WITH SAFETY LOCKS HAND-GRIP CONTROL					345

PAGE 15
CODE

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
DOJ0103	DSO EJECTION CONTROL					
	1					1234
	2					BOTH CONTROLS MUST BE ACTUATED TO INITIATE EJECTION SEQUENCE
	3					RELEASE OF SAFETY LOCKS ON EITHER WILL ILLUMINATE EJECTION
	4					WARNING LEGEND INDICATORS AT ALL CREW STATIONS, AND WILL
	5					ENERGIZE AUDIO ALARMS
						HAND-GRIP CONTROL
DOJ0104	DSO EJECTION CONTROL					
	1					1234
	2					BOTH CONTROLS MUST BE ACTUATED TO INITIATE EJECTION SEQUENCE
	3					RELEASE OF SAFETY LOCKS ON EITHER WILL ILLUMINATE EJECTION
	4					WARNING LEGEND INDICATORS AT ALL CREW STATIONS, AND WILL
	5					ENERGIZE AUDIO ALARMS
						HAND-GRIP CONTROL
DOJ020X	EJECTION CONTROLS-AFT					
DOJ0201	FLT STA CHUTE DEPLOYMENT					
	1					1245
	2					PERMIT MANUAL INITIATION OF MAIN RECOVERY PARACHUTE DEPLOYMENT IN THE
	3					EVENT THAT AUTOMATIC DEPLOYMENT SYSTEM IS INOPERATIVE
	4					LABELLED-CHUTE DEPLOY, SHAPE-CODED, PRESS TO RELEASE SAFETY LOCKS
	5					ACTUATION RESULTS IN IMMEDIATE INITIATION OF PARACHUTE DEPLOYMENT
	6					AT ANY ALTITUDE
	7					COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK STRIPES
						HAND-GRIP CONTROL
DOJ0202	AFT STA CHUTE DEPLOYMENT					
	1					1245
	2					PERMIT MANUAL INITIATION OF MAIN RECOVERY PARACHUTE DEPLOYMENT IN THE
	3					EVENT THAT AUTOMATIC DEPLOYMENT SYSTEM IS INOPERATIVE
	4					LABELLED-CHUTE DEPLOY, SHAPE-CODED, PRESS TO RELEASE SAFETY LOCKS
	5					ACTUATION DOES NOT RESULT IN IMMEDIATE RECOVERY PARACHUTE DEPLOYMENT
	6					UNLESS CREW MODULE IS AT OR BELOW NOMINAL LEVEL FOR SAFE DEPLOYMENT
	7					HAND-GRIP CONTROL
DOJ0301	FLT STA RISER CUTTER CONTROL					
	1					123
	2					PERMIT JETTISON OF RECOVERY PARACHUTES AFTER CREW MODULE LANDING
	3					BOTH FORWARD AND AFT CONTROLS MUST BE PULLED TO INITIATE ORDNANCE
	4					ACTIVATED DEVICES
	5					EQUIPPED WITH HINGED COVER GUARDS AND INTEGRAL PRESS TO RELEASE SAFE
	6					LOCKS. COLOR CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK STRIPES
	7					LABEL
						HAND-GRIP CONTROL
DOJ0302	AFT STA RISER CUTTER CONTROL					
	1					123
	2					PERMIT JETTISON OF RECOVERY PARACHUTES AFTER CREW MODULE LANDING
	3					BOTH FORWARD AND AFT CONTROLS MUST BE PULLED TO INITIATE ORDNANCE
	4					ACTIVATED DEVICES
	5					EQUIPPED WITH HINGED COVER GUARDS AND INTEGRAL PRESS TO RELEASE SAFE
	6					LOCKS. COLOR CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK STRIPES
	7					HAND-GRIP CONTROL
						LABEL
DOJ04	CREW MODULE SEVERANCE CONTROL					
	1					145
	2					TO SEPARATE CREW MODULE FROM A-V AFTER EMERGENCY DITCHING
	3					T-SHAPED, COLOR CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK
	4					DIAGONAL STRIPES
	5					ACTUATED BY LIFTING HINGED COVER GUARD, RELEASING SAFETY LOCK BY
	6					DEPRESSING WITH THUMB AND PULLING HAND GRIP CONTROL TO MAX EXTENSION
	7					LABEL
						HAND-GRIP CONTROL

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
D05	UPRIGHTING SYSTEM CONTROL	1 2 3 4 5 6 7 8 9	123459 USED ONLY WHEN CREW MODULE HAS STABILIZED IN AN INVERTED POSITION SUBSEQUENT TO A WATER IMPACT USED SUBSEQUENT TO PARACHUTE JETTISON AND PRIOR TO ACTUATION OF FLOTATION CONTROL HAND-GRIP CONTROL SHAPE-CODED T, COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK DIAGONAL STRIPES ACTUATED BY DEPRESSING PRESS TO RELEASE SAFETY LOCK AND PULLING HANDLE TO MAX EXTENSION			567	
D06	FLOTATION SYSTEM CONTROL	1 2 3 4 5 6 7 8	12367 UTILIZED AFTER WATER IMPACT TO PROVIDE ADDITIONAL BUOYANCY TO CREW MODULE, SHOULD BE ACTUATED ONLY WHEN MODULE HAS BEEN STABILIZED IN UPRIGHT POSITION T-SHAPED, PROVIDED WITH INTEGRAL SAFETY LOCK, COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK DIAGONAL STRIPES ACTUATION BY DEPRESSING SAFETY LOCK AND PULLING HANDLE TO MAX EXTENSION HAND-GRIP CONTROL			456	
D07010X	EMERGENCY EGRESS CONTROLS	1 2 3 4 5 6 7 8	12676 PROVIDE CAPABILITY FOR EMERGENCY EGRESS FROM CREW MODULE AFTER MODULE IMPACT OR VEHICLE CRASH LANDING AND DITCHING T-SHAPED, COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK DIAGONAL STRIPES, EQUIPPED WITH HINGED COVER GUARDS AND SAFETY LOCKS LABELLED - L WINDOW, R WINDOW INDEPENDENT RELEASE OF LEFT AND RIGHT WINDOWS ACTUATION BY LIFTING COVER GUARD, PRESS SAFETY LOCK, PULL HANDLE TO MAX EXTENSION HAND-GRIP CONTROL			3459	
D070101	LEFT WINDOW REL CONT	1 2 3 4 5 6 7 8 9	12678 PROVIDE CAPABILITY FOR EMERGENCY EGRESS FROM CREW MODULE AFTER MODULE IMPACT OR VEHICLE CRASH LANDING AND DITCHING T-SHAPED, COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK DIAGONAL STRIPES, EQUIPPED WITH HINGED COVER GUARDS AND SAFETY LOCKS LABELLED - L WINDOW, R WINDOW INDEPENDENT RELEASE OF LEFT AND RIGHT WINDOWS ACTUATION BY LIFTING COVER GUARD, PRESS SAFETY LOCK, PULL HANDLE TO MAX EXTENSION HAND-GRIP CONTROL			3459	
D070102	RIGHT WINDOW REL CONT	1 2 3 4 5 6 7 8 9	12678 PROVIDE CAPABILITY FOR EMERGENCY EGRESS FROM CREW MODULE AFTER MODULE IMPACT OR VEHICLE CRASH LANDING AND DITCHING T-SHAPED, COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK DIAGONAL STRIPES, EQUIPPED WITH HINGED COVER GUARDS AND SAFETY LOCKS LABELLED - L WINDOW, R WINDOW INDEPENDENT RELEASE OF LEFT AND RIGHT WINDOWS ACTUATION BY LIFTING COVER GUARD, PRESS SAFETY LOCK, PULL HANDLE TO MAX EXTENSION HAND-GRIP CONTROL			3459	

PAGE 17 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
0670103	EMERGENCY EXIT HANDLE-AFT STA		134	2			567	
		1 FOR RELEASE OF EMERGENCY HATCH 2 MOUNTED TO LEFT OF CREW MODULE CENTERLINE, CONVENIENT FOR DSC 3 ACTUATION BY LIFTING COVER GUARD, PRESS SAFETY LOCK, PULL HANDLE 4 TO MAX EXTENSION 5 T-SHAPED, COLOR-CODED WITH ALTERNATE ORANGE-YELLOW AND BLACK 6 DIAGONAL STRIPES, EQUIPPED WITH HINGED COVER GUARDS AND SAFETY LOCKS 7 HAND-GRIP CONTROL						
068010X	PREPARE TO EJECT		234			1		
		1 ALTERNATE ACTION PUSHBUTTON. WARNING SWITCHLIGHT, COLOR-RED 2 ACTUATION OF EITHER EJECTION LEGEND SWITCH OR RELEASE OF SAFETY 3 LOCK ON EITHER OF AFT STATION EJECTION CONTROLS WILL ENERGIZE 4 BOTH SWITCHLIGHTS						
0680101	PREPARE TO EJECT-PILOT		234			1		
		1 ALTERNATE ACTION PUSHBUTTON. WARNING SWITCHLIGHT, COLOR-RED 2 ACTUATION OF EITHER EJECTION LEGEND SWITCH OR RELEASE OF SAFETY 3 LOCK ON EITHER OF AFT STATION EJECTION CONTROLS WILL ENERGIZE 4 BOTH SWITCHLIGHTS						
0680102	PREPARE TO EJECT-COPILOT		234			1		
		1 ALTERNATE ACTION PUSHBUTTON. WARNING SWITCHLIGHT, COLOR-RED 2 ACTUATION OF EITHER EJECTION LEGEND SWITCH OR RELEASE OF SAFETY 3 LOCK ON EITHER OF AFT STATION EJECTION CONTROLS WILL ENERGIZE 4 BOTH SWITCHLIGHTS						
0680103	PREPARE TO EJECT-OSO		123			4		
		1 ILLUMINATE WHEN EITHER OF EJECTION WARNING SWITCHES IN FORWARD 2 COMPARTMENT IS ACTUATED OR WHEN LOCK ON EITHER OF EJECTION 3 CONTROLS IN AFT STATION HAS BEEN RELEASED 4 WARNING LIGHT, COLOR-RED						
0680104	PREPARE TO EJECT - DSO		123			4		
		1 ILLUMINATES WHEN EITHER FORWARD COMPARTMENT EJECTION WARNING SWITCH IS 2 ACTUATED OR WHEN LOCK ON EITHER OF EJECTION CONTROLS IN AFT STATION 3 HAS BEEN RELEASED. 4 WARNING LIGHT, COLOR-RED						
0100101	MANUV RKT CAUTION LIGHT-FLTSTA	678	1235			4		
		1 ILLUMINATE TO INDICATE FAILURE OF MANEUVERING ROCKET GIMBAL CONTROL 2 OR ACTUATION SYSTEM. SIGNIFIES COMPLETE LOSS OF CREW MODULE 3 MANEUVERING DURING EJECTION SEQUENCE 4 COLOR-YELLOW, CAUTION LIGHT 5 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 6 ESTABLISH VEHICLE FLIGHT CONDITIONS COMPATIBLE WITH THE LOSS OF CREW 7 MODULE MANEUVERING CAPABILITY IN THE EVENT AN EMERGENCY AROSE MAKING 8 MODULE EJECTION ADVISABLE OR NECESSARY						
010010101	MANUV RKT CAUTION LIGHT AFTSTA	678	1235			4		
		1 ILLUMINATE TO INDICATE FAILURE OF MANEUVERING ROCKET GIMBAL 2 CONTROL OR ACTUATION SYSTEM. SIGNIFIES COMPLETE LOSS OF CREW 3 MODULE MANEUVERING DURING EJECTION SEQUENCE 4 COLOR-YELLOW-CAUTION LIGHT 5 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 6 ESTABLISH VEHICLE FLIGHT CONDITIONS COMPATIBLE WITH THE LOSS OF CREW 7 MODULE MANEUVERING CAPABILITY IN THE EVENT AN EMERGENCY AROSE MAKING 8 MODULE EJECTION ADVISABLE OR NECESSARY						

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
IMPACT ATTENUATION LT-FLT STA	0759	1245				3	
		1		ILLUMINATES TO INDICATE INFLATION SUPPLY PRESSURE FOR IMPACT			
		2		ATTEN SYSTEM BLADDERS FALLS BELOW CRITICAL LEVEL			
		3		COLOR-YELLOW, CAUTION LIGHT			
		4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		5		PREPARE FOR HARD IMPACT			
		6		NO CORRECTIVE ACTION - HOWEVER, HARD IMPACT MAY BE ANTICIPATED BY THE			
		7		FLIGHT CREW IN THE EVENT CREW MODULE EJECTION BECOMES NECESSARY OR THE			
		8		FLIGHT CREW MAY ELECT TO EJECT OVER WATER IF THAT OPTION IS AVAILABLE			
		9		AT THE TIME OF THE EMERGENCY			
IMPACT ATTENUATION LT-AFT STA	679	1245					
		1		ILLUMINATES TO INDICATE INFLATION SUPPLY PRESSURE FOR IMPACT			
		2		ATTEN SYSTEM BLADDERS FALLS BELOW CRITICAL LEVEL			
		3		COLOR-YELLOW, CAUTION LIGHT			
		4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		5		PREPARE FOR HARD IMPACT			
		6		NO CORRECTIVE ACTION - HOWEVER, HARD IMPACT MAY BE ANTICIPATED BY THE			
		7		FLIGHT CREW IN THE EVENT CREW MODULE EJECTION BECOMES NECESSARY OR THE			
		8		FLIGHT CREW MAY ELECT TO EJECT OVER WATER IF THAT OPTION IS AVAILABLE			
		9		AT THE TIME OF THE EMERGENCY			
FLOAT-UPRT CAUTION LT-FLT STA	678	1245					
		1		ILLUMINATES TO INDICATE INFLATION SUPPLY FOR EITHER FLUTATION OR			
		2		UPRIGHTING SYSTEM REDUCED BELOW CRITICAL LEVEL			
		3		COLOR-YELLOW, CAUTION LIGHT			
		4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		5		AVOID EJECTION OVER WATER			
		6		NO CORRECTIVE ACTION - HOWEVER, FLIGHT CREW MAY ELECT TO AVOID EJECTION			
		7		OF THE CREW MODULE OVER WATER IN AN EMERGENCY, ASSUMING OTHER OPTIONS			
		8		ARE AVAILABLE			
FLOAT-UPRT CAUTION LT-AFT STA	678	1245					
		1		ILLUMINATES TO INDICATE INFLATION SUPPLY FOR EITHER FLUTATION OR			
		2		UPRIGHTING SYSTEM REDUCED BELOW CRITICAL LEVEL			
		3		COLOR-YELLOW, CAUTION LIGHT			
		4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		5		AVOID EJECTION OVER WATER			
		6		NO CORRECTIVE ACTION - HOWEVER, FLIGHT CREW MAY ELECT TO AVOID EJECTION			
		7		OF THE CREW MODULE OVER WATER IN AN EMERGENCY, ASSUMING OTHER OPTIONS			
		8		ARE AVAILABLE			
AUTO CHUTE CAUTION LT-FLT STA	678	1235					
		1		ILLUMINATES TO INDICATE FAILURE OF BOTH ANEROID PRESSURE			
		2		ALTITUDE SENSING DEVICES ASSOCIATED WITH PARACHUTE DEPLOYMENT			
		3		SYSTEM I.E. LOSS OF AUTOMATIC PARACHUTE DEPLOYMENT			
		4		COLOR-YELLOW, CAUTION LIGHT			
		5		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		6		WHEN IT IS TIME TO DEPLOY CHUTES DURING RECOVERY SEQUENCE, THEY MUST BE			
		7		MANUALLY DEPLOYED BY FLIGHT CREW ACTUATION OF CHUTE DEPLOY CONTROL ON			
		8		OVERHEAD PANEL			

PAGE 19 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*SYN	*TYPE	*VALUES
D10010401	AUTO CHUTE CAUTION LT-AFT STA	678	1235			4	
			1 ILLUMINATES TO INDICATE FAILURE OF BOTH ANEROID PRESSURE 2 ALTITUDE SENSING DEVICES ASSOCIATED WITH PARACHUTE DEPLOYMENT 3 SYSTEM I.E. LOSS OF AUTOMATIC PARACHUTE DEPLOYMENT 4 COLOR-YELLOW, CAUTION LIGHT 5 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 6 WHEN IT IS TIME TO DEPLOY CHUTES DURING RECOVERY SEQUENCE, THEY MUST BE 7 MANUALLY DEPLOYED BY FLIGHT CREW ACTUATION OF CHUTE DEPLOY CONTROL ON 8 OVERHEAD PANEL				
E	AVIONICS						
E010101	TV POD CONTROL					I	3456789
			1 A UNIT CONSISTING OF EI-E6 2 3 4 POS TOGGLE SWITCH 5 PROVIDES COMMANDS TO RAISE OR LOWER TV POD AND SELECT TV CAGED MODES 6 RET PROVIDES ONLY MEANS TO STOW TV POD - IN STOWED POSITION, TV CONTROL 7 IS WITH OSO 8 EXD PROVIDES MEANS TO LOWER TV POD - STEERING WITH TRACKING HANDLE 9 FIXED-CAGE MODE COMMAND STEERING IS TO FUSELAGE REFERENCE LINE - USO 10 STEERING DENIED-POD EXTENSION COMMANDED IN THIS POSITION 11 VECTOR-CAGE MODE STEERING IS TO FLIGHT VECTOR REFERENCE LINE - OSO 12 STEERING DENIED-POD EXTENSION COMMANDED IN THIS POSITION				3456789
E010102	IR POD CONTROL					I	
			1 4 POS TOGGLE SWITCH 2 PROVIDES COMMANDS TO RAISE OR LOWER IR POD AND CAGE 3 RET PROVIDES ONLY MEANS TO STOW IR POD - IN STOWED POSITION, IR CONTROL 4 IS WITH OSO 5 EXD PROVIDES MEANS TO LOWER IR POD - STEERING WITH TRACKING HANDLE 6 FIXED - CAGE MODE COMMAND STEERING IS TO FUSELAGE REFERENCE LINE - USO 7 STEERING DENIED - POD EXTENSION COMMANDED IN THIS POSITION 8 VECTOR - CAGE MODE STEERING IS TO FLIGHT VECTOR REFERENCE LINE - USO 9 STEERING DENIED - POD EXTENSION COMMANDED IN THIS POSITION				
E010103	PILCT STEER CONTROL					I	
			1 AZIMUTH STEERING CONTROL, SPRING LOADED TO CENTER WITH PUSH TO OPERATE 2 CONTROL CENTER (NULL) AZIMUTH STEERING IS TO FUSELAGE OR VECTOR LINE 3 SELECTED WITH TV LR IR POD CONTROL				
E010104	COPILOT STEER CONTROL					I	
			1 AZIMUTH STEERING CONTROL SPRING LOADED TO CENTER WITH PUSH TO OPERATE 2 PROVIDED TO PREVENT CROSSED HANDS OPERATION - CONTROL CENTER (NULL) 3 AZIMUTH STEERING IS TO FUSELAGE OR VECTOR LINE SELECTED WITH TV OR IR 4 POD CONTROL				
E010201	PILCT EVS FOV SWITCH						
E010202	COPILOT EVS FOV SWITCH						
E0104	FLIR CONTROL PANEL						
			12 PROVIDES OPERATOR WITH MEANS TO CONTROL OPERATIONAL STATUS OF FLIR 1 SENSOR 2 UNIT				

PAGE 20 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E010401	FLIR STATUS INDICATOR	1	1 SHOWS OPERATIONAL STATUS OF FLIR SENSOR 2 READY MODE INDICATES SYSTEM HAS Cycled SUFFICIENTLY FOR SYSTEM TO BE 3 OPERATED 4 SYSTEM IN OPERATE MODE IF FLIR POWER SUPPLY, CRYOGENICS, AND SIGNAL 5 PROCESSOR HAVE POWER APPLIED AND ARE OPERATING CORRECTLY 6 SYSTEM IN STANDBY MODE OR AN LRU HAS FAILED AND AUTOMATIC SHUTDOWN HAS 7 OCCURRED 8 LEGEND INDICATORS ARE GREEN - 3 INDICATORS 12456789				B	2345678
E010402	TEST INDICATOR-FLIR	1	1 SELF TEST INDICATOR PROVIDES DISPLAYS OF MALFUNCTIONS IN LVPS, REFRIG, 2 SIG PROC 3 INDICATOR LIGHTS, COLOR CODED AMBER - 3 INDICATORS 4 LVPS INDICATES LOW VOLTAGE POWER SUPPLY OR SHORT CIRCUIT-AUTOMATICALLY 5 SHUTS DOWN-MAY BE RESET BY MOVING MODE SELECTOR SWITCH TO OFF THEN 6 STBY 7 REFRIG MODE INDICATES MALFUNCTION IN REFRIGERATOR-COOLANT SYSTEM 8 SIG PROC MODE INDICATES MALFUNCTION IN SIGNAL PROCESSOR-SHUTS DOWN 9 HIGH VOLTAGE POWER SUPPLY AUTOMATICALLY 1234567				3	3456789
E010403	OVHT-OVRD	1	1 PUSHBUTTON SWITCH PROVIDES INDICATION OF OVERHEAT CONDITION AND MEANS 2 TO OVERRIDE AUTOMATIC SHUTDOWN 3 DEPRESSING SWITCH ENERGIZES OVERRIDE FUNCTION, EXTINGUISHES OVERHEAT 4 LIGHT, ILLUMINATES OVERHEAT LIGHT 5 OVERHEAT INDICATOR WILL LIGHT AMBER FOR A MINIMUM OF ONE MINUTE PRIOR 6 TO AUTOMATIC SHUTDOWN 7 SWITCH IS GUARDED BY A CLEAR PLASTIC SPRING-LOADED HINGED COVER 8 GUARDED PUSHBUTTON SWITCH-LIGHT 1234567				8	1234567
E010404	LAMP TEST SWITCH-FLIR	1	1 PRESS-TO-TEST PUSHBUTTON SWITCH TO TEST BULBS OF ALL INDICATOR LIGHTS 123456789				1	23456789
E010405	MODE SELECT SWITCH-FLIR	1	1 5 POS ROTARY SWITCH FOR SELECTING FLIR OPERATING MODES 2 OFF MODE REMOVES ALL POWER FROM FLIR 3 STBY MODE APPLIES POWER TO ALL UNITS, EXCEPT SIGNAL PROCESSOR, AZIMUTH 4 SCAN MIRROR, PROVIDED VIDEO SELECT PANEL'S ROTARY MODE SWITCH IS NOT 5 OFF 6 UPR MODE POWERS ALL UNITS TO ENABLE FULL OPERATIONAL CAPABILITY 7 BIT 1 PROVIDES BIT FOR DETERMINING OPERATIONAL CAPABILITY OF LOW LEVEL 8 MULTIPLEXERS AND SYNC DRIVERS SHUP SRC'S 9 BIT 2 PROVIDES BIT 2 OF THE SIGNAL PROCESSOR 1				1	
E010406	BIAS SWITCH	1	1 ROTARY SWITCH FOR ADJUSTING BIAS(BRIGHTNESS) ON FLIR SIGNALS 1				1	
E010407	CONTRAST CONTROL-FLIR	1	1 ROTARY CONTROL FOR ADJUSTING VIDEO GAIN OF FLIR SIGNAL 12				1	
E0105	EVS STEERING CONTROL PANEL	1	1 PROVIDES MEANS TO OPERATOR TO SELECT OPERATIONAL MODES FOR LLLTV AND 2 FLIR SENSORS 3 UNIT				3	

PAGE 21
CODE

FC1050101

NAME
FLIR STEER

*CURR-ACTION

*FUNCTION

*SYN

*TYPE

*VALUES

12345678
DUAL LEGEND PUSHBUTTON SWITCH-LIGHT USED TO SELECT STEERING MODE
IN BNS MODE, SENSOR TRACKS COORDINATES OF SELECTED POINT DISPLAYED ON
NAVIGATION PANEL
IN MAN MODE, SENSOR STEERING IS ACCOMPLISHED WITH TRACKING HANDLE IN
ACCORDANCE WITH EITHER THE MANUAL SEARCH OR TRACK MODE AS SELECTED BY
BNS HCG CONTROL ON EVS VIDEO SELECT PANEL
APPROPRIATE HALF OF SWITCH LIGHTS TO INDICATE WHICH MODE HAS BEEN
SELECTED
1234
LEGEND IS ONLY A READOUT, INDICATES WHEN FRONT STATION HAS STEERING
CONTROL OF THE FLIR SENSOR
WHEN ILLUMINATED, BNS-MAN STEERING MODE IS INOPERATIVE; IE, FRONT SECTION
PANEL(S) HAVE CONTROL
13

FLIR PILOT-COPILOT COMD

FC1050102

NARROW FIELD-OF-VIEW
INDICATOR

FC1050103

FLIR WASH

FC1050104

ALTER SYNC SWITCH

FC1050105

LAMP TEST SWITCH-EVS

FC1050205

EVS VIDEO SELECT PANEL

FC10600

BNS HCG SWITCH

FC10601

SYMBOLS SWITCH

FC10602

1 PUSHBUTTON SWITCH AND INDICATOR FOR SELECTING FLIR NFUV MODE
2 SWITCH ILLUMINATES WHEN SELECTED
3 ACTIVE ONLY IF FRONT STATION HAS RELINQUISHED CAGE COMMAND FOR SENSOR
4 PUSHBUTTON SWITCHLIGHT
12345
PUSHBUTTON SWITCH IS USED TO INITIATE AN ACU CONTROLLED FLIR WINDOW
WASH CYCLE
WASH CYCLE IS INTERLOCKED WITH TV-POD CONTROL SWITCH ON PILOT EVS
PANEL SUCH THAT THE WASH CYCLE CANNOT BE INITIATED UNLESS POD IS
EXTENDED
SWITCH DOES NOT LIGHT WHEN OPERATED
PUSHBUTTON SWITCH
123
PUSHBUTTON SWITCH AND INDICATOR FOR SELECTING ONE OF TWO SYNC
GENERATORS LOCATED IN VIDEO DISTRIBUTION UNIT
USED ONLY IN CASE PRIMARY SYNC GENERATORS FAIL
PUSHBUTTON SWITCH-LIGHT INDICATOR
1 PUSHBUTTON SWITCH, TESTS INDICATOR LIGHTS WHEN DEPRESSED
2 PUSHBUTTON SWITCH
1 PROVIDES OPERATOR THE MEANS TO SELECT THE DESIRED VIDEO MODES
UNIT
12345789
ALTERNATE ACTION PUSHBUTTON SWITCH
NOT ILLUMINATED FOR MANUAL SEARCH MODE
EVS SENSOR IS POSITIONED BY TRACKING HANDLE - WHEN TRACKING HANDLE
ENABLE SWITCH IS RELEASED BY THE OPERATOR, SENSOR POINTING ANGLE
REMAINS FIXED RELATIVE TO THE AIR VEHICLE
SWITCH ILLUMINATES FOR MANUAL TRACK MODE
EVS SENSOR IS POSITIONED BY TRACKING HANDLE - AT SAFE TIME, COMPUTER
PROVIDES RATE AIDING SIGNALS TO TRACK THE GROUND POINT UNDER THE
DISPLAY X-HAIRS
1234
3 POS TOGGLE SWITCH - PROVIDES FOR OVERLAYING OR REMOVING LINE OF
SIGHT SYMBOLOGY ON VIDEO AND FLIR LAMP TESTING
3 LGS SYMBOLOGY PROVIDES OPERATOR AN INDICATION OF ELEVATION, AZIMUTH
ANGLES
5 3 POSITION TOGGLE SWITCH

PAGE 22 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E010603	VIDEO SELECT SWITCH	1 2 3 4 5 6 7 8	12345678 6 POS TOGGLE SWITCH, USED TO SELECT VIDEO MODES OFF MODE REMOVES ALL ELECTRICAL POWER FROM MFD AND MASTER POWER RELAY IN SLU IS NOT ENERGIZED STBY MODE PRESENTS ONLY ALPHANUMERIC DATA ON MFD STV MODE DISPLAYS VIDEO FROM LCM LIGHT LEVEL TV FLIR MODE DISPLAYS VIDEO FROM FLIR SENSOR FLIR-REV MODE DISPLAYS INVERTED VIDEO FROM FLIR SENSOR RCDR MODE IS INCOPERATIVE				1	2345678
E0107	MULTIFUNCTION DISPLAY UNIT	1 2 3	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E010701	CONTRAST CONTROL-MFD	1 2 3 4	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E010702	BRIGHTNESS CONTROL	1 2 3 4	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E010703	OVERHEAT	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1	
E010704	MULTIFUNCTION DISPLAY	1 2 3	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E0201	TF INDICATOR PANEL	1 2 3 4	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E020101	TF INDICATOR SCREEN	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1	
E02010101	UPPER POLAROID FILTER CONTROL	1 2 3	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E020102	CURSOR CONTROL	1 2 3	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E020103	MEMORY CONTROL	1 2 3	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1	
E020104	CONTRAST CONTROL-TF	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1	
E020105	VIDEO CONTROL-TF	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1	

PAGE 23 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC2020100	RANGE SWITCH-TF	1	234 4 POS ROTARY SWITCH - SELECTOR 5, 10, 15 DETERMINE RANGE IN NAUTICAL MILES OF PPI DISPLAY E SELECTS ELEVATION SCAN FOR TF MODE OF OPERATION - HAS RANGE OF 10 NAUTICAL MILES DISPLAYED ON HORIZONTAL AXIS				1	234
EC202	RADAR SET CONTROL-TFR	1	1 PROVIDES MEANS FOR OPERATING TF RADAR				1	123
EC202010X	FAIL INDICATORS	5	234 1 AMBER-COLORED LAMPS, ONE FOR RIGHT AND ONE FOR LEFT CHANNEL WHEN ILLUMINATED, LIGHTS INDICATE THAT CHANNEL IS NOT READY FOR OPERATION OR MALFUNCTIONED, OR THAT AN INPUT TO TFR HAS MALFUNCTIONED PRESS-TO-TEST FEATURE ALLOWS EACH LAMP TO BE CHECKED EXTENSIVE CORRECTIVE ACTION				1	123
EC2020101	FAIL INDICATOR-LEFT	5	234 1 AMBER-COLORED LAMPS, ONE FOR RIGHT AND ONE FOR LEFT CHANNEL WHEN ILLUMINATED, LIGHTS INDICATE THAT CHANNEL IS NOT READY FOR OPERATION OR MALFUNCTIONED, OR THAT AN INPUT TO TFR HAS MALFUNCTIONED PRESS-TO-TEST FEATURE ALLOWS EACH LAMP TO BE CHECKED EXTENSIVE CORRECTIVE ACTION				1	123
EC2020102	FAIL INDICATOR-RIGHT	5	234 1 AMBER-COLORED LAMPS, ONE FOR RIGHT AND ONE FOR LEFT CHANNEL WHEN ILLUMINATED, LIGHTS INDICATE THAT CHANNEL IS NOT READY FOR OPERATION OR MALFUNCTIONED, OR THAT AN INPUT TO TFR HAS MALFUNCTIONED PRESS-TO-TEST FEATURE ALLOWS EACH LAMP TO BE CHECKED EXTENSIVE CORRECTIVE ACTION				1	123
EC202020X	MODE SWITCH-TFR		34567 5 POS ROTARY SWITCH PERMITS SELECTION OF OPERATING MODES FOR LEFT AND RIGHT CHANNELS OFF REMOVES POWER FROM CHANNEL STBY APPLIES POWER TO CHANNEL FOR WARMUP TF PLACES CHANNEL IN TERRAIN FOLLOWING MODE SIT PLACES CHANNEL IN SITUATION MODE GM PLACES CHANNEL IN GROUND MAPPING MODE				12	34567
EC2020201	TFR MODE SWITCH-LEFT		34567 5 POS ROTARY SWITCH PERMITS SELECTION OF OPERATING MODES FOR LEFT AND RIGHT CHANNELS OFF REMOVES POWER FROM CHANNEL STBY APPLIES POWER TO CHANNEL FOR WARMUP TF PLACES CHANNEL IN TERRAIN FOLLOWING MODE SIT PLACES CHANNEL IN SITUATION MODE GM PLACES CHANNEL IN GROUND MAPPING MODE				12	34567
EC2020202	TFR MODE SWITCH-RIGHT		34567 5 POS ROTARY SWITCH PERMITS SELECTION OF OPERATING MODES FOR LEFT AND RIGHT CHANNELS OFF REMOVES POWER FROM CHANNEL STBY APPLIES POWER TO CHANNEL FOR WARMUP TF PLACES CHANNEL IN TERRAIN FOLLOWING MODE SIT PLACES CHANNEL IN SITUATION MODE GM PLACES CHANNEL IN GROUND MAPPING MODE				12	34567

PAGE 24 CODE	NAME	*COKR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC202030X	VOLUME-RIDE CONTRLL	1 2 3 4 5	2345 DUAL-PURPOSE COAXIAL CONTROL ADJUSTS VOLUME OF AURAL COMMANDS HEARD THROUGH INTERPHONE LOW FREQUENCY TONE INDICATES A-V IS ABOVE CLEARANCE SETTING HIGH FREQUENCY TONE INDICATES A-V IS BELOW CLEARANCE PLANE SETTING PERMITS SOFT, MED, HARD POSITIONS TO BE SELECTED				1	2345
EC2020301	VOL ROTARY KNOB	1 2 3 4 5	2345 DUAL-PURPOSE COAXIAL CONTROL ADJUSTS VOLUME OF AURAL COMMANDS HEARD THROUGH INTERPHONE LOW FREQUENCY TONE INDICATES A-V IS ABOVE CLEARANCE SETTING HIGH FREQUENCY TONE INDICATES A-V IS BELOW CLEARANCE PLANE SETTING PERMITS SOFT, MED, HARD POSITIONS TO BE SELECTED				1	2345
EC2020302	RIDE SELECT SWITCH	1 2 3 4 5	2345 DUAL-PURPOSE COAXIAL CONTROL ADJUSTS VOLUME OF AURAL COMMANDS HEARD THROUGH INTERPHONE LOW FREQUENCY TONE INDICATES A-V IS ABOVE CLEARANCE SETTING HIGH FREQUENCY TONE INDICATES A-V IS BELOW CLEARANCE PLANE SETTING PERMITS SOFT, MED, HARD POSITIONS TO BE SELECTED				1	2345
EC2020304	CLEARANCE SELECT SWITCH	1 2 3 4 5	2 6 POS ROTARY SELECTOR SWITCH NO INFORMATION				1	
EC2020305	TILT CONTROL	1 2 3 4 5	134 PROVIDES CONTROL OF ANTENNA ELEVATION ANGLE VALUES MEASURED IN DEGREES TILT CONTROLS ANTENNA ONLY IN GM MODE USED TO HIGHLIGHT TERRAIN CHARACTERISTICS POSITION ROTARY SELECTOR				5	4
EC2020301	TFR TURN G-LIMIT CAUTION LT	78	2456 LEGEND READS "TFR TURN G-LIMIT" ILLUMINATES TO INDICATE A-V TURN RATE EXCEEDS MAX SAFE VALUE CAUTION LIGHT OF 2DEG/SEC OR A-V IS IN ROLL ATTITUDE AND COMPUTED ROLL COMPENSATED CLIMB COMMAND EXCEEDS LIMIT OR A-V IS LEVEL AND CLOSE TO OBJECT TO GENERATE 1.0G REDUCE TURN RATE OR REDUCE ROLL ANGLE TURN TO AVOID OBSTACLE IF WING SWEEP IS 55 DEG				3	1
EC2020302	TFR VELOCITY CAUTION LT	567	234 CAUTION LIGHT INDICATES TFR COMPUTER COMPARISON BETWEEN INERTIAL GROUND SPEED AND TRUE AIR SPEED DIFFERS BY VALUE GREATER THAN 130 KNOTS OR PRIMARY OR SECONDARY DATA NOT AVAILABLE CREW MUST MAINTAIN AIR SPEED BETWEEN (150) AND (160) MACH TO ENABLE TFR TO PROPERLY ANTICIPATE TERRAIN CLEARANCE CLIMB- DIVE COMMANDS				1	
EC2020303	TFR DRIFT CAUTION LIGHT	567	234 CAUTION LIGHT INDICATES TFR COMPUTER COMPARISON DOPPLER DRIFT PLUS A-V TURN RATE AND DRIFT PLUS LEAD INTO TURN EXCEEDS LIMITS OR INERTIAL OR DOPPLER DRIFT DATA NOT AVAILABLE DO NOT FLY TFR UNDER IFR CONDITIONS UNLESS DRIFT AND TURN RATES UNDER VFR CONDITIONS FLY IF IN SLOW TURNS OR WITH SMALL DRIFT ANGLES IF TERRAIN CLEARANCE CAN BE VISUALLY VERIFIED				1	

PAGE 25 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E020304	TFR FLT VECTOR CAUTION LIGHT	56	2345 1 CAUTION LIGHT 2 INDICATES PRIMARY AND SECONDARY FLIGHT VECTOR DATA COMPARISON 3 EXCEEDS 3 DEG OR LOSS OF 28 VDC INERTIAL FLT VECTOR VALID TO 4 TFR INDICATES IMU 1 AND IMU 2 DATA NOT AVAILABLE 5 ADDITIONAL INFORMATION IN NA-73-340-17 (ATTN: GETTING DEVICES) 6 DISCONTINUE IF UNLESS VISUAL FLIGHT CONDITIONS EXIST				1	
E020305 E02040X	TER FLW GAIN LOW CAUTION LT TER FLW WARNING LIGHT	67	2345 1 WARNING LIGHTS 2 INDICATES A-V BELOW 83% SET CLEARANCE, TFR COMPUTER FAILS TO 3 SOLVE COMMAND EQUATION, ANTENNA RECEIVER SELF TEST FAILS, 4 TRANSMITTER POWER SELF TEST FAILS, SCAN LR COMPUTER SELF 5 TEST FAILS 6 FLYUP COMMAND DISPLAYED ON VSD AND SAUI 7 SEE NA73-340-17(ATTN GETTING DEVICES)				1	
E020401	TER FLW WARNING LIGHT-PILOT	67	2345 1 WARNING LIGHTS 2 INDICATES A-V BELOW 83% SET CLEARANCE, TFR COMPUTER FAILS TO 3 SOLVE COMMAND EQUATION, ANTENNA RECEIVER SELF TEST FAILS, 4 TRANSMITTER POWER SELF TEST FAILS, SCAN OR COMPUTER SELF 5 TEST FAILS 6 FLYUP COMMAND DISPLAYED ON VSD AND SAUI 7 SEE NA73-340-17(ATTN GETTING DEVICES)				1	
E020402	TER FLW WARNING LIGHT-COPILOT	67	2345 1 WARNING LIGHTS 2 INDICATES A-V BELOW 83% SET CLEARANCE, TFR COMPUTER FAILS TO 3 SOLVE COMMAND EQUATION, ANTENNA RECEIVER SELF TEST FAILS, 4 TRANSMITTER POWER SELF TEST FAILS, SCAN OR COMPUTER SELF 5 TEST FAILS 6 FLYUP COMMAND DISPLAYED ON VSD AND SAUI 7 SEE NA73-340-17(ATTN GETTING DEVICES)				1	
E0207C102 E020703	LOWER POLAROID FILTER CONTROL UPDT REJ INDICATOR		1234 1 ILLUMINATES WHEN AGU REJECTS A NAVIGATION CALIBRATION. FLASHES FOR 5 2 SECONDS AFTER REJECTION OCCURS AT THE RATE OF 4 FLASHES PER SECOND AND 3 THEN DEACTIVATES. 4 COLOR CODED AMBER. ANNUNCIATOR (LEGEND)				8	1234567
E03010X01	FUNCTION SELECTOR SWITCH		1234567 1 OFF POSITION TURNS OFF RADIO TRANSMITTER-RECEIVER 2 MAIN POSITION SELECTS NORMAL OPERATION OF RADIO RECEIVER-TRANSMITTER 3 BOTH POSITION TURNS ON GUARD RECEIVER IN ADDITION TO NORMAL OPERATION 4 OF RADIO RECEIVER-TRANSMITTER 5 ALF POSITION CONNECTS AN EXTERNAL GROUND TO THE ADF FUNCTION CONTROL 6 WIRE, ACTIVATES ADF EQUIPMENT ASSOCIATED WITH AN-ARC-109. MAIN RECEIVER 7 IS OPERABLE AND GUARD RECEIVER IS DISABLED 8 4 POSITION ROTARY SELECTOR SWITCH				8	1234567

EC3010X02

NAME

FREQUENCY SELECT SWITCH

*FUNCTION *LOCATION *NAME *SYN *TYPE *VALUES

23456789
3 POS TOGGLE SWITCH, LOCATED BETWEEN DIGITAL READOUTS
PRESET SETS UP 20 PRESET CHANNELS AS SELECTED BY PRESET CHANNEL
SELECTOR KNOB AND CHANNEL READOUT. MANUAL FREQUENCY SELECTORS ARE NOT
EFFECTIVE
MANUAL POSITION RENDERS MANUAL FREQUENCY SELECTORS EFFECTIVE, RADIO
RECEIVER-TRANSMITTER IS TUNED TO FREQUENCY UN MANUAL DIGITAL READOUT
GUARD POSITION DESIGNATES RADIO RECEIVER-TRANSMITTER IS TUNED TO GUARD
CHANNEL FREQUENCY. BOTH PRESET AND MANUAL FREQUENCY SELECTORS ARE
INEFFECTIVE IN THIS POSITION.

1 2

PRESET CHANNEL SELECTOR CONT

EC3010X0301

1234
SELECTS PRESET CHANNELS - ROTARY KNOB
CHANNEL NUMBERS INCREASE WITH CLOCKWISE ROTATION
USED TO SELECT STORAGE SECTIONS IN SOLID-STATE CORE MEMORY, TRANSFER
STORED INFORMATION TO OUTPUT SWITCHES OF THE CONTROL

PRESET CHANNEL READOUT

EC3010X0302

1 2 3
DIGITAL READOUT
INDICATES SELECTED PRESET CHANNEL CHOSEN BY PRESET CHANNEL SELECTOR
CONTROL KNOB

MANUAL-FREQUENCY SELECTOR

EC3010X04

1 2
FOUR MANUAL THUMBWHEEL SELECTORS
CONTROLS READOUT OF MANUAL CHANNEL READOUT-SELECT ANY OF 3500 CHANNELS
12

MANUAL CHANNEL READOUT

EC3010X05

1 2
DIGITAL READOUT OF CHANNEL SELECTED MANUALLY BY MANUAL FREQUENCY
SELECTOR

VOLUME CONTROL

EC3010X06

1 2
ROTARY KNOB CONTROL REDUCES AUDIO LEVEL TO HEADSET BY COUNTERCLOCKWISE
ROTATION

tone control

EC3010X07

1 2 3
SPRINGLOADED PUSHBUTTON, CONTROLS TRANSMISSION OF A TONE.
WITH CONTROL PRESSED, TRANSMITTER WILL TRANSMIT A SIGNAL MODULATED AT
1020 HZ.

SQUELCH SWITCH

EC3010X08

1 2
POS TOGGLE SWITCH
PERMITS DISABLING OF MAIN RECEIVER SQUELCH

PUSH-SET CHANNEL SELECTOR

EC3010X09

1 2 3 4
PUSHBUTTON CONTROL
FREQUENCIES TO BE STORED ARE SET UP WITH THE MANUAL FREQUENCY CONTROL,
ASSIGNED TO DISPLAYED PRESET CHANNEL NUMBER WHEN PRESET FREQUENCY
CHANGE CONTROL PUSHBUTTON IS PRESSED

PILOT UHF COMM PANEL

EC3010X10

1
A UNIT CONSISTING OF E3-1.1 THROUGH E3-1.2.9

FUNCTION SELECT SW-PILOT

EC3010X101

1234567
OFF POSITION TURNS OFF RADIO TRANSMITTER-RECEIVER
MAIN POSITION SELECTS NORMAL OPERATION OF RADIO RECEIVER-TRANSMITTER
BOTH POSITION TURNS ON GUARD RECEIVER IN ADDITION TO NORMAL OPERATION
OF RADIO RECEIVER-TRANSMITTER
ADF POSITION CONNECTS AN EXTERNAL GROUND TO THE ADF FUNCTION CONTROL
WIRE, ACTIVATES ADF EQUIPMENT ASSOCIATED WITH AN-ARC-1C9. MAIN RECEIVER
IS OPERABLE AND GUARD RECEIVER IS DISABLED
4 POSITION ROTARY SELECTOR SWITCH

PAGE 27
CODE

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC3010102	FREQUENCY SELECT SW-PILOT					
	1	23456789			1	23456789
	2	3 POS TOGGLE SWITCH, LOCATED BETWEEN DIGITAL READOUTS				
	3	PRESET SETS UP 20 PRESET CHANNELS AS SELECTED BY PRESET CHANNEL				
	4	SELECTOR KNOB AND CHANNEL READOUT. MANUAL FREQUENCY SELECTORS ARE NOT				
	5	EFFECTIVE				
	6	MANUAL POSITION READERS MANUAL FREQUENCY SELECTORS EFFECTIVE, RADIO				
	7	RECEIVER-TRANSMITTER IS TUNED TO FREQUENCY ON MANUAL DIGITAL READOUT				
	8	GUARD POSITION DESIGNATES RADIO RECEIVER-TRANSMITTER IS TUNED TO GUARD				
	9	CHANNEL FREQUENCY. BOTH PRESET AND MANUAL FREQUENCY SELECTORS ARE				
		INEFFECTIVE IN THIS POSITION.				
EC301010301	PRESET CHANNEL SELECTOR-PILOT				1	2
	1	234				
	2	SELECTS PRESET CHANNELS - ROTARY KNOB				
	3	CHANNEL NUMBERS INCREASE WITH CLOCKWISE ROTATION				
	4	USED TO SELECT STORAGE SECTIONS IN SOLIC-STATE CORE MEMORY, TRANSFER				
		STORED INFORMATION TO OUTPUT SWITCHES OF THE CONTROL				
EC301010302	PRESET CHANNEL READOUT-PILOT				1	
	1	DIGITAL READOUT				
	2	INDICATES SELECTED PRESET CHANNEL CHOSEN BY PRESET CHANNEL SELECTOR				
	3	CONTROL KNOB				
		2				
EC3010104	MANUAL-FREQUENCY SELECTOR-PIL				1	
	1	FOUR MANUAL THUMBWHEEL SELECTORS				
	2	CONTROLS READOUT OF MANUAL CHANNEL READOUT-SELECT ANY OF 3500 CHANNELS				
EC3010105	MANUAL CHANNEL READOUT-PIL				12	
	1	DIGITAL READOUT OF CHANNEL SELECTED MANUALLY BY MANUAL FREQUENCY				
	2	SELECTOR				
EC3010106	VOLUME CONTROL-PILOT				12	
	1	ROTARY KNOB CONTROL REDUCES AUDIO LEVEL TO HEADSET BY COUNTERCLOCKWISE				
	2	ROTATION				
EC3010107	TOPE CONTROL-PILOT				1	23
	1	SPRINGLOADED PUSHBUTTON, CONTROLS TRANSMISSION OF A TONE.				
	2	WITH CONTROL PRESSED, TRANSMITTER WILL TRANSMIT A SIGNAL MODULATED AT				
	3	1020 HZ.				
EC3010108	SQUELCH SWITCH-PILOT				1	2
	1	2 POS TOGGLE SWITCH				
	2	PERMITS DISABLING OF MAIN RECEIVER SQUELCH				
EC3010109	PUSH-SET CHANNEL SELECTOR-PIL				1	234
	1	234				
	2	PUSHBUTTON CONTROL				
	3	FREQUENCIES TO BE STORED ARE SET UP WITH THE MANUAL FREQUENCY CONTROL,				
	4	ASSIGNED TO DISPLAYED PRESET CHANNEL NUMBER WHEN PRESET FREQUENCY				
		CHANGE CONTROL PUSHBUTTON IS PRESSED				
EC30102	COPILOT UHF COMM PANEL				1	
	1	A UNIT CONSISTING OF E3-1.2 THROUGH E3-1.14				
EC3010201	FUNCTION SELECT SW-COPILOT				6	1234567
	1	1234567				
	2	OFF POSITION TURNS OFF RADIO TRANSMITTER-RECEIVER				
	3	MAIN POSITION SELECTS NORMAL OPERATION OF RADIO RECEIVER-TRANSMITTER				
	4	BOTH POSITION TURNS ON GUARD RECEIVER IN ADDITION TO NORMAL OPERATION				
	5	OF RADIO RECEIVER-TRANSMITTER				
	6	ADF POSITION CONNECTS AN EXTERNAL GROUND TO THE ADF FUNCTION CONTROL				
	7	WIRE, ACTIVATES ADF EQUIPMENT ASSOCIATED WITH AN-ARC-109. MAIN RECEIVER				
	8	IS OPERABLE AND GUARD RECEIVER IS DISABLED				
		4 POSITION ROTARY SELECTOR SWITCH				

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC3010202	FREQUENCY SELECT SW-COPILOT					
	1	23456789	3 POS TOGGLE SWITCH, LOCATED BETWEEN DIGITAL READOUTS		1	23456789
	2		PRESET SETS UP 20 PRESET CHANNELS AS SELECTED BY PRESET CHANNEL			
	3		SELECTOR KNOB AND CHANNEL READOUT. MANUAL FREQUENCY SELECTORS ARE NOT			
	4		EFFECTIVE			
	5		MANUAL POSITION RENDERS MANUAL FREQUENCY SELECTORS EFFECTIVE, RADIO			
	6		RECEIVER-TRANSMITTER IS TUNED TO FREQUENCY ON MANUAL DIGITAL READOUT			
	7		GUARD POSITION DESIGNATES RADIO RECEIVER-TRANSMITTER IS TUNED TO GUARD			
	8		CHANNEL FREQUENCY. BOTH PRESET AND MANUAL FREQUENCY SELECTORS ARE			
	9		INEFFECTIVE IN THIS POSITION.			
		1234				
EC301020301	PRESET CHANNEL SELECTOR-COP					
	1		SELECTS PRESET CHANNELS - ROTARY KNOB		1	2
	2		CHANNEL NUMBERS INCREASE WITH CLOCKWISE ROTATION			
	3		USED TO SELECT STORAGE SECTIONS IN SOLID-STATE CORE MEMORY, TRANSFER			
	4		STORED INFORMATION TO OUTPUT SWITCHES OF THE CONTROL		1	
		23				
EC301020302	PRESET CHANNEL READOUT-COPILOT					
	1		DIGITAL READOUT			
	2		INDICATES SELECTED PRESET CHANNEL CHOSEN BY PRESET CHANNEL SELECTOR			
	3		CONTROL KNOB		1	
		2				
EC3010204	MANUAL-FREQUENCY SELECTOR-COP					
	1		FOUR MANUAL THUMBWHEEL SELECTORS			
	2		CONTROLS READOUT OF MANUAL CHANNEL READOUT-SELECT ANY OF 3500 CHANNELS		12	
EC3010205	MANUAL CHANNEL READOUT-COP					
	1		DIGITAL READOUT OF CHANNEL SELECTED MANUALLY BY MANUAL FREQUENCY		12	
	2		SELECTOR			
EC3010206	VOLUME CONTROL-COPILOT					
	1		ROTARY KNOB CONTROL REDUCES AUDIO LEVEL TO HEARSET BY COUNTERCLOCKWISE		12	
	2		ROTATION			
EC3010207	tone CONTROL-COPILOT					
	1		SPRINGLOADED PUSHBUTTON, CONTROLS TRANSMISSION OF A TONE.		1	23
	2		WITH CONTROL PRESSED, TRANSMITTER WILL TRANSMIT A SIGNAL MODULATED AT			
	3		1020 HZ.			
		2				
EC3010208	SQUELCH SWITCH-COPILOT					
	1		2 POS TOGGLE SWITCH		1	2
	2		PERMITS DISABLING OF MAIN RECEIVER SQUELCH			
		234				
EC3010209	PUSH-SET CHANNEL SELECTOR-COP					
	1		PUSHEUTTON CONTROL			
	2		FREQUENCIES TO BE STORED ARE SET UP WITH THE MANUAL FREQUENCY CONTROL,			
	3		ASSIGNED TO DISPLAYED PRESET CHANNEL NUMBER WHEN PRESET FREQUENCY			
	4		CHANGE CONTROL PUSHEUTTON IS PRESSED			
		123				
EC302	SECURE VOICE CONTROL PANEL					
	1		UNIT THAT REMOTELY CONTROLS THE OPERATION OF SECURE SPEECH EQUIPMENT		4	
	2		USED IN CONJUNCTION WITH A RADIO SET CAPABLE OF OPERATING IN THE			
	3		SECURE MODE.			
	4		UNIT			
		23				
EC30201	POWER SWITCH-SECURE VOICE					
	1		2 POS TOGGLE SWITCH		1	23
	2		WHEN SWITCHED "UP", POWER IS SUPPLIED TO THE CONTROL PANEL AND OTHER			
	3		SECURE EQUIPMENT			

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC30202		1 2 3 4 5 6 7	FUNCTION SELECT SWITCH	123456 RADIO SET 1 IS CONNECTED TO SECURE SPEECH EQUIPMENT, COLOR CODED GREEN. RADIO SET 2 IS CONNECTED TO THE SECURE SPEECH EQUIPMENT, COLOR CODED GREEN. PLAIN POSITION MEANS NEITHER RADIO SET IS CONNECTED TO SECURE SPEECH EQUIPMENT, BOTH RADIO SETS OPERATE IN NORMAL MODE COLOR CODED AMBER ROTARY KNOB		7 1	123456
EC3020102	3	1 2 3 4	C RAD 1 LIGHT	24 GREEN SWITCHLIGHT INDICATES RADIO SET NO.1 CONNECTED TO SECURE SPEECH EQUIP N/A PRESS TO TEST		1	
EC3020202	45	1 2 3 4	PLAIN LIGHT	236 AMBER SWITCHLIGHT-CAUTION INDICATES NEITHER RADIO SET 1 OR 2 IS CONNECTED TO THE SECURE SPEECH EQUIPMENT AND BOTH RADIO SETS OPERATE IN THE NORMAL MODE IF SECURE VOICE TRANSMISSION IS REQUIRED, FLIGHT CREWMAN SELECTS C RAD 1 OR C RAD 2 PRESS TO TEST		1	
EC302020302	3	1 2 3 4	C RAD 2 LIGHT	24 GREEN SWITCHLIGHT INDICATES RADIO SET NO.2 CONNECTED TO SECURE SPEECH EQUIP N/A PRESS TO TEST		1	
EC30203		1 2 3 4	DELAY SWITCH	234 2 POS TOGGLE SWITCH WHEN PUSHED TO 'UP' POSITION, IT DELAYS TRANSMISSION TO PERMIT WAKUP OF RADIO. NORMALLY IN UP POSITION		1	234
EC30204		1 2 3 4	ZEROIZE SWITCH	23 GUARDED SWITCH- 2 POSITION WHEN PUSHED TO 'UP' POSITION, CODE IS ERASED FROM SECURE SPEECH EQUIPMENT		1	23
EC303		1 2 3 4 5 6 7	RADIO SET CONTROL PANEL	123456 A UNIT FOR HF RADIO, PROVIDES LONG RANGE HIGH FREQUENCY SINGLE SIDEBAND AIR-TO-AIR, AIR-TO-GROUND COMMUNICATIONS OPERATES IN SINGLE SIDE BAND, AMPLITUDE MODULATION EQUIVALENT, AND FREQUENCY SHIFT KEYING MODES. 250,000 CHANNELS AVAILABLE IN 100 HZ INCREMENTS IN THE FREQUENCY RANGE OF 2000 THROUGH 29,999.9 KHZ. UNIT		7	
EC30301		1 2 3 4 5 6	RADIO MODE SELECT SWITCH	23456 ROTARY KNOB WITH 4 POSITIONS OFF POSITION TURNS OFF HF RADIO RECEIVER-TRANSMITTER SSB POSITION PROVIDES SINGLE SIDE BAND CAPABILITY LF OPERATION AME POSITION PROVIDES CAPABILITY OF AMPLITUDE MODULATION EQUIVALENT OPERATION FSK POSITION PERMITS FREQUENCY SHIFT KEYING WHEN AVAILABLE		1	23456
EC30302		1 2 3	SQUELCH CONTROL	12 ROTARY KNOB USED TO ADJUST THRESHOLD OF SQUELCH OPERATION IN SSB OK AME MODE ROTARY KNOB		3	

PAGE 30 CODE	NAME	*CDPR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC30303	FREQUENCY INDICATOR-SELECTOR	1	1 6 ROTARY KNOBS PROVIDES MEANS OF SETTING DESIRED FREQUENCIES 2 EACH KNOB HAS AN INDICATOR LINE DRAWN TO THE WINDOW IT CONTROLS ON THE 3 FREQUENCY INDICATORS 4 TO PREVENT SELECTION OF FREQUENCIES BELOW 2000 KHZ, THE 1000 KHZ AND 5 10,000 KHZ KNOBS ARE INTERLOCKED 6 6 SELECTOR KNOBS AND INDICATOR WINDOWS				6	2345
EC30303XC2	FREQUENCY INDICATOR-SELECTOR	1	6 SELECTOR KNOBS: SEE EC30303				1	
EC30304	VOLUME CONTROL-RADIO	1	1 ROTARY KNOB INCREASES AUDIO OUTPUT WHEN ROTATED CLOCKWISE				2	
EC30305	NOISE BLANK CONTROL	2	ROTARY KNOB				3	
EC30306	RF GAIN CONTROL	1	1 ROTARY KNOB USED TO REDUCE EFFECTS OF IMPULSE NOISE, EITHER NATURAL OR 2 MAN-MADE, INCLUDING ECM 3 ROTARY KNOB				4	
EC30401	IFF SYSTEM CONTROL	1	1 ROTARY KNOB USED TO ADJUST RADIO FREQUENCY GAIN OF THE RECEIVER AS 2 DESIRED DURING NORMAL OPERATION, TO PROVIDE BETTER SIGNAL-TJ-NOISE 3 RATIO 4 ROTARY KNOB				8	56
		2	1234567					
		3	A UNIT THAT PROVIDES AIRCRAFT WITH AN AUTOMATIC MEANS OF SELECTIVE IDENTIFICATION TO GROUND RECOGNITION INSTALLATION OPERATING IN THE L- BAND FREQUENCY RANGE. OPERATION IS POSSIBLE IN ANY OF FIVE MODES, WITH THE CAPABILITIES OF I/P AND EMERGENCY IDENTIFICATION MODE 1-SECURITY IDENTITY, MODE 2-PERSONAL IDENTITY, MODE 3A - TRAFFIC IDENTITY, MODE 4 - CLASSIFIED, MODE C- ALTITUDE INTERROGATION. ALL MODES CAN BE TURNED ON OR OFF AT THE CONTROL PANEL				2	
EC3040101	MODE 4 CODE SELECT SWITCH	1	1 ROTARY CONTROL USED TO SELECT MODE 4 CODES				2	
EC3040102	REPLY INDICATOR	2	ROTARY CONTROL SELECTOR-4 POSITIONS				2	
EC3040103	TEST INDICATOR	3	1 PUSH-TO-TEST LAMP, INDICATES WHEN 'REPLY' IS IN PROGRESS 2 CULUR-CLODED GREEN PUSH TO TEST LAMP 3 N/A				2	
EC3040104	MASTER CONTROL SELECT SWITCH	3	14 INDICATOR LAMP, INDICATES WHEN SYSTEM PASSES RAD TEST OF E3-4.1.5. 2 COLOR-CODED GREEN ADVISORY INDICATOR 3 N/A 4 INDICATES CURRENT RESPONSE TO MOVE 1,2,3/A OR C INTERROGATION				1	23456789
		1	5 PCS ROTARY KNOB.					
		2	OFF POSITION TURNS IFF SYSTEM OFF. PULL KNOB OUTWARD TO SELECT OFF.					
		3	STBY POSITION INDICATES EQUIPMENT IS ON, ARMED UP, BUT WILL NOT TRANSMIT					
		4	LOW POSITION ALLOWS RECOGNITION, REPLY TO LOCAL (STRONG) INTERROGATIONS					
		5	ONLY					
		6	POSITION ALLOWS FULL RANGE RECOGNITION AND REPLY					
		7	NORM POSITION ALLOWS TRANSMITTAL OF EMERGENCY INDICATING PULSE GROUP					
		8	EACH TIME A MODE 1, 2, OR 3/A INTERROGATION IS RECOGNIZED.					
		9	PULL KNOB OUTWARD TO SELECT EMER.					

NAME	*FUNCTION	*LOCATION	*NAME	*SYM	*TYPE	*VALUES
EC3040105	RAD TEST SWITCH				7	23456
	1	123456	3 POS SWITCH, USED TO CONTROL RADIATION-TEST, MONITOR PROVISIONS			
	2		RAD-TEST POSITION PERMITS TRANSPONDER SET TO BE INTERROGATED BY			
	3		SELECTED MODE SIGNALS			
	4		GUT POSITION DISABLES TEST CIRCUITS			
	5		MON POSITION TURNS ON THE MONITORING CIRCUIT OF TRANSPONDER TEST SET			
	6		TS-1843-APX.			
	7		3 POSITION TOGGLE SWITCH			
EC3040106	IDENTIFICATION OF POSITION				1	23456789
	1	123456789	3 POS SWITCH, USED TO CONTROL TRANSMISSION OF I-P PULSE GROUPS			
	2		WHEN HELD IN SPRING-LOADED IDENT POSITION, I-P TIMER IS ENERGIZED FOR			
	3		15-30 SEC. IF A MODE 1, 2, OR 3-A INTERROGATION IS RECOGNIZED WITHIN 15-			
	4		30 SEC, I-P REPLY WILL BE MADE.			
	5		PLACING SWITCH IN OUT POSITION PREVENTS TRANSMISSION OF I-P GROUPS.			
	6		WHEN SWITCH IS IN MIC POSITION, I-P PULSE GROUP WILL BE TRANSMITTED IN			
	7		REPLY TO A MODE 1 OR 3-A INTERROGATION AS LONG AS A MICROPHONE SWITCH			
	8		IS HELD TO TRANSMIT POSITION AND FOR 15-30 SEC AFTER MICROPHONE SWITCH			
	9		IS RELEASED			
EC304010701	MODE M1 SELECT-TEST SWITCH				5	1234
	1	1234	TEST POSITION INOPERATIVE IN M-1 POSITION			
	2		ON POSITION ENABLES REPLY TO INTERROGATIONS FOR SELECTED MODE			
	3		SPRING-LOADED SWITCH TO ON POSITION FROM TEST POSITION			
	4		OUT POSITION DISABLES TRANSMITTER-RECEIVER FOR SELECTED MODE			
	5		3 POSITION SWITCH			
EC304010702	MODE M2 SELECT-TEST SWITCH				35	124
	1	124	TEST POSITION INOPERATIVE IN M-2 POSITION			
	2		ON POSITION ENABLES REPLY TO INTERROGATIONS FOR SELECTED MODE			
	3		SPRING-LOADED SWITCH TO ON POSITION FROM TEST POSITION			
	4		OUT POSITION DISABLES TRANSMITTER-RECEIVER FOR SELECTED MODE			
	5		3 POSITION SWITCH			
EC304010703	MODE M-3-A SELECT-TEST SWITCH				35	124
	1	124	TEST POSITION INOPERATIVE IN M-3-A POSITION			
	2		ON POSITION ENABLES REPLY TO INTERROGATIONS FOR SELECTED MODE			
	3		SPRING-LOADED SWITCH TO ON POSITION FROM TEST POSITION			
	4		OUT POSITION DISABLES TRANSMITTER-RECEIVER FOR SELECTED MODE			
	5		3 POSITION SWITCH			
EC304010704	MODE M-C SELECT-TEST SWITCH				35	124
	1	124	TEST POSITION INOPERATIVE IN M-C POSITION			
	2		ON POSITION ENABLES REPLY TO INTERROGATIONS FOR SELECTED MODE			
	3		SPRING-LOADED SWITCH TO ON POSITION FROM TEST POSITION			
	4		OUT POSITION DISABLES TRANSMITTER-RECEIVER FOR SELECTED MODE			
	5		3 POSITION SWITCH			
EC304010801	MODE 1 CODE SELECT THUMBWHEELS				4	23
	1	1	THUMBWHEELS, ALLOWING SELECTION OF 32 DIFFERENT CODES			
	2		CODE DIGITS ON EACH WHEEL ARE READ IN WINDOWS RECESSED IN THE FACE OF			
	3		THE PANEL			
	4		THUMBWHEELS			
EC304010802	MODE 3-A CODE SELECT THUMBWHEELS				4	23
	1	1	THUMBWHEELS, PROVIDING THE CAPABILITY OF SETTING 4096 CODES			
	2		CODE DIGITS ON EACH WHEEL ARE READ IN WINDOWS RECESSED IN THE FACE OF			
	3		THE PANEL			
	4		THUMBWHEELS			

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC3040109	1	2 PCS TOGGLE SWITCH, USED TO TURN MCLE 4 ON OR OFF (UUT).	2				
EC3040110	2	2 PCS TOGGLE SWITCH	12345				
	1	3 PCS TOGGLE SWITCH, PROVIDES OPERATOR THE MEANS TO MONITOR IFF OPERATION VIA AUDIO OR VISUALLY.	6				345
	2	AUDIO POSITION SELECTS BOTH AUDIO AND REPLYING LIGHT MONITORING					
	3	CUT POSITION TURNS OFF THE MONITORING CIRCUIT					
	4	LIGHT POSITION SELECTS REPLY-LIGHT MONITORING ONLY					
	5	3 POSITION TOGGLE SWITCH	234				
EC304012	6	CAUTION LIGHT	1				
	1	INOPERATIVE MODE 4 CAPABILITY IS DETECTED PROVIDED THAT (1)					
	2	MODE 4 COMPUTER IS INSTALLED, (2) A-V POWER IS ON (3) MASTER					
	3	SWITCH (E3-4.1.4) IS NOT OFF					
	4	REPOSITION MASTER SWITCH TO NORM, CHECK THAT MODE 4 SWITCH					
	5	IS ON, AND CHECK THAT THE PROPER A OR B CODE HAS BEEN					
	6	SELECTED	12345				
	7	A UNIT, INCREASES CAPABILITIES OF X-BAND RADARS TO WHICH IT RESPONDS	678				
RADAR SET CONTROL-X-BAND	8	SOLID-STATE DECODER-ENCODER TYPE TRANSPONDER WHICH ACCOMPLISHES ITS	9				
	9	FUNCTIONS BY RECEIVING INTERROGATIONS FROM AN X-BAND RADAR SET, AND					
	1	TRANSMITTING REPLIES OF MUCH GREATER SIGNAL STRENGTH WITHIN THE SAME					
	2	FREQUENCY BAND					
	3	3 TRANSPONDERS, 2 CONTROL PANELS INSTALLED IN VEHICLE. THIRD SET IS					
	4	PRESET ON THE GROUND, TURNED ON BY AN ACCELEROMETER IN THE ESCAPE					
	5	CAPSULE.					
	6	UNIT	12345678				
POWER SELECT SWITCH	7	3 PCS ROTARY SWITCH, SELECTS POSITIONS THAT CONTROL POWER TO RADAR	9				345678
	8	TRANSPONDER					
	9	OFF POSITION REMOVES POWER FROM RADAR TRANSPONDER					
	1	STBY POSITION APPLIES PRIMARY POWER TO THE RADAR TRANSPONDER, BUT RADAR					
	2	COMPONENT WILL NOT RESPOND TO INTERROGATIONS					
	3	IN OPR POSITION, THE RADAR TRANSPONDER WILL REPLY TO SINGLE-PULSE OR					
	4	PROPERLY SPACED DOUBLE-PULSE INTERROGATIONS, DEPENDING ON THE POSITION					
	5	OF THE JECODE SWITCH					
	6	3 POSITION ROTARY SWITCH	12345				
ENCODE SWITCH	7	6 PCS ROTARY SWITCH, CONTROLS ENCODER MODULE	1				23
	8	POSITION 1 PRODUCES SINGLE-PULSE OUTPUT					
	9	POSITIONS 2-6 PRODUCE A CODED DOUBLE-PULSE OUTPUT					
	1	ENCODER WILL RESPOND TO EACH DECODER OUTPUT PULSE, PROVIDED SPACING					
	2	BETWEEN PULSES IS 50 MICROSECONDS OR MORE, PLUS THE ENCODER SPACING					15678
	3	2345678					
	4	ADDITIONAL VALUES ARE 8,9,10,11					
	5	11 PCS ROTARY SWITCH, CONTROLS DECODER MODULE					
	6	DECODER MODULE PRODUCES SINGLE-PULSE OUTPUT IF VIDEO PULSES ARE OF					
	7	SUFFICIENT AMPLITUDE TO TRIGGER DECODER, AND CODE-SPACING IS CORRECT.					
	8	POSITION 1 IS SINGLE-PULSE MODE, POSITIONS 2-11 ARE DOUBLE-PULSE					
	9	DECODER OPERATING MODES.					
	1	SINGLE-PULSE OUTPUT OF THE DECODER MODULE IS USED TO TRIGGER THE					
	2	ENCODER MODULE					
EC3050X03	3						
	4						
	5						
	6						
	7						
	8						
	9						

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC030501	RADAR SET CONTROL-PNL 1	12345 678			9	
	1	A UNIT, INCREASES CAPABILITIES OF X-BAND RADARS TO WHICH IT RESPONDS				
	2	SOLID-STATE DECODER-ENCODER TYPE TRANSPONDER WHICH ACCOMPLISHES ITS				
	3	FUNCTIONS BY RECEIVING INTERROGATIONS FROM AN X-BAND RADAR SET, AND				
	4	TRANSMITTING REPLIES OF MUCH GREATER SIGNAL STRENGTH WITHIN THE SAME				
	5	FREQUENCY BAND				
	6	3 TRANSPONDERS, 2 CONTROL PANELS INSTALLED IN VEHICLE. THIRD SET IS				
	7	PRESET ON THE GROUND, TURNED ON BY AN ACCELEROMETER IN THE ESCAPE				
	8	CAPSULE.				
	9	UNIT				
EC03050101	POWER SELECT SWITCH-1	12345678		9		345678
	1	3 POS ROTARY SWITCH, SELECTS POSITIONS THAT CONTROL POWER TO RADAR				
	2	TRANSPONDER				
	3	OFF POSITION REMOVES POWER FROM RADAR TRANSPONDER				
	4	STBY POSITION APPLIES PRIMARY POWER TO THE RADAR TRANSPONDER, BUT RADAR				
	5	COMPONENT WILL NOT RESPOND TO INTERROGATIONS				
	6	IN OPR POSITION, THE RADAR TRANSPONDER WILL REPLAY TO SINGLE-PULSE OR				
	7	PROPERLY SPACED DOUBLE-PULSE INTERROGATIONS, DEPENDING ON THE POSITION				
	8	OF THE DECODE SWITCH				
	9	3 POSITION ROTARY SWITCH				
EC03050102	ENCODE SWITCH-1	12345		1		23
	1	6 POS ROTARY SWITCH, CONTROLS ENCODER MODULE				
	2	POSITION 1 PRODUCES SINGLE-PULSE OUTPUT				
	3	POSITIONS 2-6 PRODUCE A CODED DOUBLE-PULSE OUTPUT				
	4	ENCODER WILL RESPOND TO EACH DECODER OUTPUT PULSE, PROVIDED SPACING				
	5	BETWEEN PULSES IS 50 MICROSECONDS OR MORE. PLUS THE ENCODER SPACING				
	6	2345678		2		15678
EC03050103	DECODE SWITCH-1					
	1	ADDITIONAL VALUES ARE 6,9,10,11				
	2	11 POS ROTARY SWITCH, CONTROLS DECODER MODULE				
	3	DECODER MODULE PRODUCES SINGLE-PULSE OUTPUT IF VIDEO PULSES ARE OF				
	4	SUFFICIENT AMPLITUDE TO TRIGGER DECODER, AND CODE-SPACING IS CORRECT.				
	5	POSITION 1 IS SINGLE-PULSE MODE, POSITIONS 2-11 ARE DOUBLE-PULSE				
	6	DECODER OPERATING MODES.				
	7	SINGLE-PULSE OUTPUT OF THE DECODER MODULE IS USED TO TRIGGER THE				
	8	ENCODER MODULE				
	9	12345 678		9		
EC030502	RADAR SET CONTROL-PNL 2	12345 678				
	1	A UNIT, INCREASES CAPABILITIES OF X-BAND RADARS TO WHICH IT RESPONDS				
	2	SOLID-STATE DECODER-ENCODER TYPE TRANSPONDER WHICH ACCOMPLISHES ITS				
	3	FUNCTIONS BY RECEIVING INTERROGATIONS FROM AN X-BAND RADAR SET, AND				
	4	TRANSMITTING REPLIES OF MUCH GREATER SIGNAL STRENGTH WITHIN THE SAME				
	5	FREQUENCY BAND				
	6	3 TRANSPONDERS, 2 CONTROL PANELS INSTALLED IN VEHICLE. THIRD SET IS				
	7	PRESET ON THE GROUND, TURNED ON BY AN ACCELEROMETER IN THE ESCAPE				
	8	CAPSULE.				
	9	UNIT				
EC03050201	POWER SELECT SWITCH-2	12345678		9		345678
	1	3 POS ROTARY SWITCH, SELECTS POSITIONS THAT CONTROL POWER TO RADAR				
	2	TRANSPONDER				
	3	OFF POSITION REMOVES POWER FROM RADAR TRANSPONDER				
	4	STBY POSITION APPLIES PRIMARY POWER TO THE RADAR TRANSPONDER, BUT RADAR				
	5	COMPONENT WILL NOT RESPOND TO INTERROGATIONS				
	6	IN OPR POSITION, THE RADAR TRANSPONDER WILL REPLAY TO SINGLE-PULSE OR				
	7	PROPERLY SPACED DOUBLE-PULSE INTERROGATIONS, DEPENDING ON THE POSITION				
	8	OF THE DECODE SWITCH				
	9	3 POSITION ROTARY SWITCH				

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
ENCODER SWITCH-2	1 2 3 4 5	12345 6 POS ROTARY SWITCH, CONTROLS ENCODER MODULE POSITION 1 PRODUCES SINGLE-PULSE OUTPUT POSITIONS 2-6 PRODUCE A CODED DOUBLE-PULSE OUTPUT ENCODER WILL RESPOND TO EACH DECODER OUTPUT PULSE, PROVIDED SPACING BETWEEN PULSES IS 50 MICROSECONDS OR MORE, PLUS THE ENCODER SPACING 15678				1	23
DECODE SWITCH-2	1 2 3 4 5 6 7 8	2345678 ADDITIONAL VALUES ARE 8,9,10,11 11 POS ROTARY SWITCH, CONTROLS DECODER MODULE DECODER MODULE PRODUCES SINGLE-PULSE OUTPUT IF VIDEO PULSES ARE OF SUFFICIENT AMPLITUDE TO TRIGGER DECODER, AND CODE-SPACING IS CORRECT. POSITION 1 IS SINGLE-PULSE MODE, POSITIONS 2-11 ARE DOUBLE-PULSE DECODER OPERATING MODES. SINGLE-PULSE OUTPUT OF THE DECODER MODULE IS USED TO TRIGGER THE ENCODER MODULE					
ILS SET CONTROL PANEL	1 2 3 4 5 6	12345 A UNIT THAT PROVIDES THE PERATOR THE MEANS OF MAKING INSTRUMENT APPROACHES TO RUNWAYS EQUIPPED WITH LOCALIZER, GLIDE SLDPE, AND MARKER BEACON EQUIPMENT LOCALIZER ID SIGNALS SUPPLIED TO HEADSET FOR STATION ID, VOLUME IS CONTROLLED ON INTERCOM PANEL UNIT				1	23
POWER SWITCH-ILS	1 2 3	23 2 POS ROTARY SWITCH OFF POSITION REMOVES POWER FROM BOTH RECEIVERS PWR POSITION APPLIES POWER TO BOTH RECEIVERS				3	2
VOLUME SWITCH	1 2 3	1 ROTARY KNOB, CONTROLS MEANS FOR ADJUSTING ILS AUDIO VOLUME IS INCREASED BY TURNING KNOB CLOCKWISE				7	3456
FREQUENCY SELECT KNOBS	1 2 3 4 5 6 7	123456 ROTARY KNOBS, ALLOW FOR SELECTION OF 40 ILS CHANNELS, RANGING IN LOCALIZER FREQUENCIES FROM 108.10 TO 111.95 MHZ. LEFT KNOB (LOCATED IN CONJUNCTION WITH PWR SWITCH) SELECTS FREQUENCY BY 1 MHZ STEPS. RIGHT KNOB (LOCATED IN CONJUNCTION WITH VOL SWITCH) SELECTS FREQUENCY BY 0.1 MHZ STEPS. ROTARY KNOBS				7	3456
FREQUENCY SELECT KNOB-LF	1 2 3 4 5 6 7	123456 ROTARY KNOBS, ALLOW FOR SELECTION OF 40 ILS CHANNELS, RANGING IN LOCALIZER FREQUENCIES FROM 108.10 TO 111.95 MHZ. LEFT KNOB (LOCATED IN CONJUNCTION WITH PWR SWITCH) SELECTS FREQUENCY BY 1 MHZ STEPS. RIGHT KNOB (LOCATED IN CONJUNCTION WITH VOL SWITCH) SELECTS FREQUENCY BY 0.1 MHZ STEPS. ROTARY KNOBS				7	3456
FREQUENCY SELECT KNOB-RT	1 2 3 4 5 6 7	123456 ROTARY KNOBS, ALLOW FOR SELECTION OF 40 ILS CHANNELS, RANGING IN LOCALIZER FREQUENCIES FROM 108.10 TO 111.95 MHZ. LEFT KNOB (LOCATED IN CONJUNCTION WITH PWR SWITCH) SELECTS FREQUENCY BY 1 MHZ STEPS. RIGHT KNOB (LOCATED IN CONJUNCTION WITH VOL SWITCH) SELECTS FREQUENCY BY 0.1 MHZ STEPS. ROTARY KNOBS				7	3456

PAGE 35 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC3060104	ILS READOUT WINDOW		1 DIGITAL READOUT, DISPLAYS FREQUENCY SELECTED VIA FREQUENCY SELECTOR 2 DIGITAL READOUT				2	
EC306020X01	OUTER MARKER LIGHT	67	1 SIGNAL IS RECEIVED FROM OUTER MARKER BEACON (4-7 MILES FROM END 2 OF RUNWAY) LIGHT WILL EXTINGUISH AFTER PASSING THROUGH 3 RECEPTION ZONE FOR OUTER MARKER BEACON 4 ADVISORY LEGEND LIGHT-GREEN 5 LOCATED ON CEN PANEL (UPLF) AND COP PANEL (UPRT) 6 N/A-GLIDE SLOPE INTERCEPT SHOULD NORMALLY OCCUR NEAR OUTER 7 MARKER				4	
EC306020X03	INNER MARKER LIGHT	67	1 SIGNAL IS RECEIVED FROM THE INNER MARKER BEACON, LOCATED BETWEEN 2 THE MIDDLE MARKER BEACON AND THE LANDING THRESHOLD. LIGHT WILL 3 EXTINGUISH AFTER PASSING THROUGH RECEPTION ZONE FOR INNER MARKER 4 ADVISORY LEGEND LIGHT-GREEN 5 LOCATED ON CEN PANEL (UPLF) AND COP PANEL (UPRT) 6 N/A-DECISION HT FOR CATEGORY II ILS SYSTEM IS SET AT INNER 7 MARKER				4	
EC306020101	OUTER MARKER LIGHT-PILOT	67	1 SIGNAL IS RECEIVED FROM OUTER MARKER BEACON (4-7 MILES FROM END 2 OF RUNWAY) LIGHT WILL EXTINGUISH AFTER PASSING THROUGH 3 RECEPTION ZONE FOR OUTER MARKER BEACON 4 ADVISORY LEGEND LIGHT-GREEN 5 LOCATED ON CEN PANEL (UPLF) AND COP PANEL (UPRT) 6 N/A-GLIDE SLOPE INTERCEPT SHOULD NORMALLY OCCUR NEAR OUTER 7 MARKER				4	
EC306020102 EC306020103	MIDDLE MARKER LIGHT-PILOT INNER MARKER LIGHT-PILOT	67	1 SIGNAL IS RECEIVED FROM THE INNER MARKER BEACON, LOCATED BETWEEN 2 THE MIDDLE MARKER BEACON AND THE LANDING THRESHOLD. LIGHT WILL 3 EXTINGUISH AFTER PASSING THROUGH RECEPTION ZONE FOR INNER MARKER 4 ADVISORY LEGEND LIGHT-GREEN 5 LOCATED ON CEN PANEL (UPLF) AND COP PANEL (UPRT) 6 N/A-DECISION HT FOR CATEGORY II ILS SYSTEM IS SET AT INNER 7 MARKER				4	
EC306020201	OUTER MARKER LIGHT-COPILOT	67	1 SIGNAL IS RECEIVED FROM OUTER MARKER BEACON (4-7 MILES FROM END 2 OF RUNWAY) LIGHT WILL EXTINGUISH AFTER PASSING THROUGH 3 RECEPTION ZONE FOR OUTER MARKER BEACON 4 ADVISORY LEGEND LIGHT-GREEN 5 LOCATED ON CEN PANEL (UPLF) AND COP PANEL (UPRT) 6 N/A-GLIDE SLOPE INTERCEPT SHOULD NORMALLY OCCUR NEAR OUTER 7 MARKER				4	
EC306020202 EC306020203	MIDDLE MARKER LIGHT-COP INNER MARKER LIGHT-COPILOT	67	1 SIGNAL IS RECEIVED FROM THE INNER MARKER BEACON, LOCATED BETWEEN 2 THE MIDDLE MARKER BEACON AND THE LANDING THRESHOLD. LIGHT WILL 3 EXTINGUISH AFTER PASSING THROUGH RECEPTION ZONE FOR INNER MARKER 4 ADVISORY LEGEND LIGHT-GREEN 5 LOCATED ON CEN PANEL (UPLF) AND COP PANEL (UPRT) 6 N/A-DECISION HT FOR CATEGORY II ILS SYSTEM IS SET AT INNER 7 MARKER				4	

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
LOC LIGHT	3	1	ADVISORY LIGHTS, ONE FOR PILOT AND COPILOT-GREEN INDICATES CAPTURE OF ILS LOCALIZER BEAM (IN COUPLED ILS OR AILA N/A	1	1	
GLIDE SLOPE LIGHT	4	23	MODES, BOTH ILLUMINATE SIMULTANEOUSLY	1	1	
LOC LIGHT-PILOT	3	1	ADVISORY LIGHTS, GREEN INDICATES CAPTURE OF ILS GLIDE SLOPE BEAM (IN ILS OR AILA N/A	1	1	
GLIDE SLOPE LIGHT-PILOT	4	23	MODES, BOTH ILLUMINATE SIMULTANEOUSLY	1	1	
LOC LIGHT-COPILOT	3	1	ADVISORY LIGHTS, ONE FOR PILOT AND COPILOT-GREEN INDICATES CAPTURE OF ILS LOCALIZER BEAM (IN COUPLED ILS OR AILA N/A	1	1	
GLIDE SLOPE LIGHT-COPILOT	4	23	MODES, BOTH ILLUMINATE SIMULTANEOUSLY	1	1	
TACTICAL AIR NAVIGATION SYSTEM	4	23	ADVISORY LIGHTS, GREEN INDICATES CAPTURE OF ILS GLIDE SLOPE BEAM (IN ILS OR AILA N/A	1	1	45678
CHANNEL SELECTOR-TACAN	1	123	THIS UNIT PROVIDES THE MEANS TO DISPLAY DISTANCE AND BEARING CONTINUOUSLY FROM ANY SELECTED TACAN STATION LOCATED WITHIN A LINE-OF- SIGHT DISTANCE	9	9	
CHANNEL SEL-OUTER WHEEL-TACAN	1	123	POSSESSES AIR-TO-AIR, BEACON MODES AIR-TO-AIR MODE USED BETWEEN 2 AIRCRAFT WITH TACAN WITH AIR-TO-AIR CAPABILITY FOR RANGE INFORMATION ONLY IN BEACON MODE, NAVIGATION SET BECOMES UNIDIRECTIONAL BEACON FOR OTHER AIRCRAFT UNIT	9	9	
CHANNEL SEL-KNOB TACAN	1	12	CHANNEL SWITCHES SELECT ANY ONE OF 120 TACAN TRANSMIT CHANNELS OUTER WHEEL SELECTS HUNDREDS AND TENS CHANNELS, KNOB SELECTS UNIT CHANNELS 1 WHEEL SELECTOR, 1 KNOB SELECTOR	12	12	
	1	1	EC30701=EC30701C1+EC30701C2 SELECTS TACAN TRANSMIT CHANNEL	1	1	
	2	2	EC30701=EC30701C1+EC30701C2 SELECTS TACAN TRANSMIT CHANNEL	2	2	
	1	1	EC30701=EC30701C1+EC30701C2 SELECTS TACAN TRANSMIT CHANNEL	1	1	
	2	2	EC30701=EC30701C1+EC30701C2 SELECTS TACAN TRANSMIT CHANNEL	2	2	

	*NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
PAGE 37 CODE								
EC30702	MODE SELECTOR SWITCH-TACAN		1 23456789	5 POS ROTARY KNOB IN OFF POSITION, ELECTRICAL POWER TO TACAN SYSTEM IS OFF. IN OTHER MODES POWER IS SUPPLIED AND TACAN SET IS ON. IN REC POSITION, NAVIGATION SET RECEIVES BEACON SIGNAL, COMPUTES BEARING BETWEEN AIRCRAFT AND SURFACE BEACON IN T/R POSITION, BOTH RECEIVER AND TRANSMITTER ARE OPERATIVE, SYSTEM RECEIVES, DISPLAYS BOTH RANGE, BEARING OF INTERROGATED STATION IN A/A MODE, NAVIGATION SET COMPUTES SLANT RANGE BETWEEN 2 CRAFT IN BCN MODE, NAVIGATION SET BECOMES UNIDIRECTIONAL BEACON			1	23456789
EC30703	VOLUME CONTROL-TACAN		1 12	ROTARY KNOB, ADJUSTS VOLUME OF BEACON IDENTITY TONE APPLIED TO AIRCRAFT INTERCOM				
EC3070401	NORMAL-INVERSE SWITCH		1 234	2 PCS TOGGLE SWITCH NORMAL POSITION SELECTS AIRCRAFT FIXED TACAN ANTENNA INVERSE POSITION SELECTS AIRCRAFT ROTATING BEACON ANTENNA FOR THE BCN MODE			15	234
EC3070402	X-Y SWITCH		1 12	SWITCH GUARD LOCKS IN NORMAL POSITION			3	
EC30705	BIT PUSHBUTTON		1 2 2345	2 POS TOGGLE SWITCH USED TO SELECT EITHER X OR Y CODING OPERATIONAL MODE 2 POSITION TOGGLE SWITCH-GUARDED			1	
EC3070501	GO LIGHT	4	1 2 3 4 5	PUSHBUTTON SWITCH (SELF TEST INITIATE) WHEN PRESSED, SELF-TEST INITIATE COMMAND IS SENT TO CONVERTER- RECEIVER-TRANSMITTER ON TCS LINE TO START SELF TEST SEQUENCE SERIAL DATA GENERATOR PRODUCES EITHER GO OR NO-GO COMMAND WHICH ILLUMINATES GO LAMP (9 SECONDS) OR NO-GO LAMP (INDEF)			1	
EC3070502	NO-GO LIGHT	5	1 2 3 4	ADVISORY INDICATOR-GREEN ILLUMINATES APPROX 21 SEC AFTER BIT PUSHBUTTON IS PUSHED IF SUCCESSFUL TEST			1	
EC308	MTC CONTROL PANEL		1 2 3 4 5	CAUTION INDICATOR-SIMPLE ILLUMINATES TO INDICATE ONE OR MORE OF 11 CONTINUOUSLY MONITORED TACAN CRITICAL EQUIPMENT FUNCTIONS DEGRADES BEYOND OPERATING TOLERANCE OR ONE OR MORE OF 7 INTERRUPTIVE MONITORED FUNCTIONS FAIL OBTAIN BEARING AND RANGE INFORMATION FROM OTHER NAVIGATIONAL AIDS			1	
EC30801	IFF ANTENNA CONTROL SWITCH		1 2 3	2 A UNIT CONSISTING OF 6 3-POSITION TOGGLE SWITCHES CONTROLS SELECTION OF VARIOUS ANTENNAS			1	
EC3080201	JHF 1 ANTENNA CONTROL SWITCH		1 2 3	3 POS TOGGLE SWITCH CONTROLS SELECTION OF UPPER AND LOWER IFF ANTENNAS. AUTO CAUSES SELECTION OF CORRECT ANTENNA			1	

PAGE 38 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC3080202	JHF 2 ANTENNA CONTROL SWITCH	1 3 PLS TOGGLE SWITCH 2 CONTROLS SELECTION OF UPPER AND LOWER UHF 2 ANTENNA. AUTO CAUSES 3 SELECTION OF CORRECT ANTENNA	23				1	2345
EC30803	TACAN ANTENNA CONTROL SWITCH	1 3 PLS SWITCH CONTROLS SELECTION OF UPPER, LOWER TACAN ANTENNAS 2 AUTO POSITION CAUSES ANTENNA SELECTOR TO CONTROL ANTENNA SWITCHING 3 RELAY TO SELECT CORRECT ANTENNA 4 SWITCH IN UPR OR LWR POSITION CONTROLS ANTENNA RELAY DIRECTLY TO ALLOW 5 MANUAL SELECTION OF EITHER UPPER OR LOWER ANTENNA	12345				1	2345
EC30804	IFF COMPUTER SELECT SWITCH	1 2 POS SWITCH 2 PERMITS SELECTION OF IFF COMPUTER 1 OR 2	2				1	
EC30805	JHF POWER SUPPLY SELECT SWITCH	1 2 POS SWITCH 2 PERMITS SELECTION OF UHF POWER SUPPLY	2				1	
EC309	INTERCOM	1 CONSISTS OF PILOT AND COPILOT ICS, PUSH TO TALK SWITCHES	1				1	
EC3090X	ICS PANELS	1 234 2 AMBIGUITY IN CODE-EC3090X01 3 THIS RECORD ADDED ARBITRARILY 4	1				1	
EC3090X01	INTERCOMS	1 PROVIDED FOR PILOT, COPILOT, OSO	1				1	
EC3090X01C101	ICS CONTROL SWITCHES	12 2 WHEN SWITCH KNOB IS IN FULLY COUNTERCLOCKWISE POSITION, CHANNEL 3 RECEPTION IS COMPLETELY OFF.	1				1	
EC3090X010102 EC3090X0113	ICS TRANS MODE LIGHTS TEST SWITCHES-ICS	12 2 PUSH-BUTTON SWITCH, PROVIDED ON FRONT PANEL WHICH CONNECTS INPUT, OUTPUT 3 AMPLIFIERS OF CSU IN SERIES FOR TESTING THE UNIT	1				1	
EC3090X02	PUSH-TO-TALK SWITCH	1 3 POSITION SLIDE SWITCH 2 LOCATED ON NUMBER 4 THROTTLE (PILOT AND COPILOT) 3 USED TO ACTIVATE ICS OR MIC	1				1	
EC30901	ICS PANEL-PILOT	1234 2 AMBIGUITY IN CODE-EC3090X01 3 THIS RECORD ADDED ARBITRARILY 4	1				1	
EC3090101	PILOTS ICS PANEL	12 2 UNIT 3 PROVIDES MEANS TO CONTROL RADIO COMMUNICATIONS 4 INTERCOMMUNICATION SET CONTROL UNIT	1				1	24
EC30901010101	ICS CONTROL SWITCH-PILOT	12345 2 CONTROLS ICS CHANNEL RECEPTION 3 ROTARY KNOB-SWITCH 4 FULLY COUNTERCLOCKWISE = OFF 5 COUNTERCLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL	1				1	

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E0309C1010102	5	1 2 3 4 5	ICS TRANS MODE LIGHT-PILOT	234 WHITE SIMPLE INDICATOR LIGHT ILLUMINATES TO INDICATE ICS MODE SWITCH KNOB IS PULLED ACTIVATING ICS COMMUNICATIONS CHANNEL FOR A TRANSMIT MODE EXTERNAL TO A-V N/A 1345		1	
E0309C1010201		1 2 3 4 5	UHF 1 CONTROL SWITCH-PILOT	1 CONTROLS UHF 1 CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL 23	2		34
E0309C1010202	4	1 2 3 4 5	UHF 1 TRANS MODE LIGHT-PILOT	1 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE RESPECTIVE UHF 1 MODE SWITCH KNOB IS PULLED ACTIVATING CHANNEL FOR TRANSMIT MODE EXTERNAL TO A-V N/A 1345	1		
E0309C1010301		1 2 3 4 5	UHF 2 CONTROL SWITCH-PILOT	1 CONTROLS UHF 2 CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL 23	2		34
E0309C1010302	4	1 2 3 4	UHF 2 TRANSFER MODE LIGHT-PILOT	1 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE RESPECTIVE UHF 2 MODE SWITCH KNOB IS PULLED ACTIVATING CHANNEL FOR TRANSMIT MODE EXTERNAL TO A-V N/A 1345	1		
E0309C1010401		1 2 3 4 5	PILOTS HF HF CONTROL SWITCH-PILOT	1 CONTROLS HF CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL 23	2		34
E0309C1010402	4	1 2 3 4	HF TRANS MODE LIGHT-PILOT	1 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE HF MODE SWITCH-KNOB IS PULLED ACTIVATING ICS CHANNEL FOR TRANSMIT MODE EXTERNAL TO A-V N/A 1345	1		
E0309C1010501		1 2 3 4 5	TACAN CONTROL SWITCH-PILOT	1 CONTROLS TACAN CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL 23	2		34
E0309C1010502	4	1 2 3 4	TACAN TRANSFER MODE LIGHT-PILOT	1 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE RESPECTIVE TACAN MODE SWITCH KNOB IS PULLED OUT ACTIVATING TACAN COMMUNICATIONS CHANNEL N/A	1		

PAGE 40 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E030901010601	LUC CONTROL SWITCH-PILOT		1 1345 CONTROLS LUC CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE=OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL 23				2	34
E030901010602	LUC TRANSFER MODE LIGHT-PILOT	4	1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE LUC MODE SWITCH KNOB IS PULLED 3 ACTIVATING THE COMMUNICATIONS CHANNEL 4 N/A				2	34
LC030901010701	MKR BCN CONTROL SWITCH-PILOT		1 1345 CONTROLS MKR BCN CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE=OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB PULLED TO ACTIVATE MKR BCN COMMUNICATIONS CHANNEL 23				2	34
LC030901010702	MKR BCN TRANS MODE LIGHT-PILOT	4	1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE MKR BCN MODE SWITCH KNOB IS PULLED 3 ACTIVATING COMMUNICATIONS CHANNEL-UNNECESSARY TO RECEIVE SIGNALS 4 N/A				2	34
LC030901010801	IFF CONTROL SWITCH-PILOT		1 13456 CONTROLS IFF CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE=OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB IS PULLED TO ACTIVATE IFF CHANNEL-UNNECESSARY TO RECEIVE 6 IFF SIGNALS 23				2	34
E030901010802	IFF TRANS MODE LIGHT-PILOT	4	1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE IFF MODE SWITCH KNOB IS PULLED 3 ACTIVATING IFF COMMUNICATIONS CHANNEL 4 N/A				2	34
E030901010901	HOT MIKE CONTROL SWITCH-PILOT		1 13456 CONTROLS HOT MIKE CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE=OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB IS PULLED ACTIVATING HOT MIKE COMMUNICATIONS CHANNEL 6 FOR TRANSMIT MODE INTERNAL TO A-V 234				2	34
E030901010902	HOT MIKE TRANS MODE LIGHT-PILOT	5	1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE HOT MIKE MODE SWITCH KNOB IS PULLED 3 ACTIVATING HOT MIKE COMMUNICATIONS CHANNEL FOR TRANSMIT MODE 4 INTERNAL TO A-V 5 N/A				2	34

PAGE 41 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC309C1011001	TFR-TKR CONTROL SWITCH-PILOT	1 2 3 4 5 6	13456 CONTROLS TFR-TKR CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TFR-TKR COMMUNICATIONS CHANNEL- UNNECESSARY TO RECEIVE TFR-TKR SIGNALS				2	34
EC309C1011002	TFR-TKR INDICATOR LIGHT-PILOT	1 2 3 4	SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE TFR-TKR MODE SWITCH KNOB IS PULLED OUT ACTIVATING TFR-TKR COMMUNICATIONS CHANNEL N/A				1	
EC309C1011011	VOLUME SWITCHES-ICS-PILOT	1 2 3	123 OVERALL VOLUME RECEIVE LEVEL IS SET BY MASTER VOLUME CONTROL SWITCH THIS IS A 6-POS ROTARY SWITCH, CONTROLS OVERALL RECEIVE VOLUME IN SUB STEPS				23 1	
EC309C1011012	CALL SWITCH-PILOT ICS	1 2 3	23 PUSHBUTTON SWITCH WHEN DEPRESSED CALL NETWORK MESSAGES ARE HEARD AT A LEVEL 6 DB ABOVE MASTER VOLUME CONTROL SETTING				1	
EC309C1011013	TEST SWITCH-PILOT ICS	1 2 3	23 PUSHBUTTON SWITCH CONNECTS INPUT AND OUTPUT AMPLIFIERS OF CSU IN SERIES FOR TESTING THE UNIT				1	
EC309C102	PUSH-TO-TALK SWITCH-PILOT	1 2 3	2 3 POSITION SLIDE SWITCH LOCATED ON NUMBER 4 THROTTLE (PILOT AND COPILOT) USED TO ACTIVATE ICS OR MIC				1	
EC309C102	ICS PANEL-COPILOT	1 2 3 4	234 AMBIGUITY IN CODE-EC309CX01 THIS RECORD ADDED ARBITRARILY				1	
EC309C201	COPILOTS ICS PANEL	1 2 3	2 UNIT PROVIDES MEANS TO CONTROL RADIO COMMUNICATIONS INTERCOMMUNICATION SET CONTROL UNIT				1	
EC309C201C101	ICS CONTROL SWITCH-COPILOT	1 2 3 4 5	1345 CONTROLS ICS CHANNEL RECEPTION ROTARY KNOB-SWITCH FULLY COUNTERCLOCKWISE = OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL				2	34
EC309C2010102	ICS TRANS MODE LIGHT-COPILOT	1 2 3 4 5	234 WHITE SIMPLE INDICATOR LIGHT ILLUMINATES TO INDICATE ICS MODE SWITCH KNOB IS PULLED ACTIVATING ICS COMMUNICATIONS CHANNEL FOR A TRANSMIT MODE EXTERNAL TO A-V N/A				1	

PAGE 42 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E030902010201	UHF 1 CONTROL SWITCH-COPILOT		1345 CONTROLS UHF 1 CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL				2	34
E030902010202	UHF 1 TRANS MODE LIGHT-COPILOT	4	1 2 3 4 5	23 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE RESPECTIVE UHF 1 MODE SWITCH KNOB IS PULLED ACTIVATING CHANNEL FOR TRANSMIT MODE EXTERNAL TO A-V				
E030902010301	UHF 2 CONTROL SWITCH-COPILOT		1345 CONTROLS UHF 2 CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL				2	34
E030902010302	UHF 2 TRANSFER MODE LIGHT-COP	4	1 2 3 4 5	23 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE RESPECTIVE UHF 2 MODE SWITCH KNOB IS PULLED ACTIVATING CHANNEL FOR TRANSMIT MODE EXTERNAL TO A-V				
E030902010404	COPILOTS HF HF CONTROL SWITCH-COPILOT		1345 CONTROLS HF CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL				2	34
E030902010402	HF TRANS MODE LIGHT-COPILOT	4	1 2 3 4 5	23 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE HF MODE SWITCH-KNOB IS PULLED ACTIVATING ICS CHANNEL FOR TRANSMIT MODE EXTERNAL TO A-V				
E030902010501	TACAN CONTROL SWITCH-COPILOT		1345 CONTROLS TACAN CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL				2	34
E030902010502	TACAN TRANSFER MODE LIGHT-COP	4	1 2 3 4 5	23 SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE RESPECTIVE TACAN MODE SWITCH KNOB IS PULLED OUT ACTIVATING TACAN COMMUNICATIONS CHANNEL				
E030902010601	LOC CONTROL SWITCH-COPILOT		1345 CONTROLS LOC CHANNEL RECEPTION ROTARY SWITCH-KNOB FULLY COUNTERCLOCKWISE=OFF CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME KNOB IS PULLED TO ACTIVATE TRANSMIT MODE ON CHANNEL				2	34

PAGE 43 CODE	NAME	*CRR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EG30902010602	LOC TRANSFER MODE LIGHT-COP	4	23 1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE LOC MODE SWITCH KNOB IS PULLED 3 ACTIVATING THE COMMUNICATIONS CHANNEL 4 N/A				1	
EG30902010701	MKR BCN CONTROL SWITCH-COP		1345 1 CONTROLS MKR BCN CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE-OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB PULLED TO ACTIVATE MKR BCN COMMUNICATIONS CHANNEL 23				2	34
EG30902010702	MKR BCN TRANS MODE LIGHT-COPIL	4	1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE MKR BCN MODE SWITCH KNOB IS PULLED 3 ACTIVATING COMMUNICATIONS CHANNEL-UNNECESSARY TO RECEIVE SIGNALS 4 N/A				2	34
EG30902010801	IFF CONTROL SWITCH-COPILOT		13456 1 CONTROLS IFF CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE-OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB IS PULLED TO ACTIVATE IFF CHANNEL-UNNECESSARY TO RECEIVE 6 IFF SIGNALS				1	
EG30902010802	IFF TRANS MODE LIGHT-COPILOT	4	23 1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE IFF MODE SWITCH KNOB IS PULLED 3 ACTIVATING IFF COMMUNICATIONS CHANNEL 4 N/A				2	34
EG30902010901	HUT MIKE CONTROL SWITCH-COP		13456 1 CONTROLS HOT MIKE CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE-OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB IS PULLED ACTIVATING HOT MIKE COMMUNICATIONS CHANNEL 6 FOR TRANSMIT MODE INTERNAL TO A-V 234				1	
EG30902010902	HOT MIKE TRANS MODE LIGHT-COP	5	1 SIMPLE INDICATOR LIGHT-WHITE 2 ILLUMINATES TO INDICATE HOT MIKE MODE SWITCH KNOB IS PULLED 3 ACTIVATING HOT MIKE COMMUNICATIONS CHANNEL FOR TRANSMIT MODE 4 INTERNAL TO A-V 5 N/A				2	34
EG30902011001	TFR-TKR CONTROL SWITCH-COPILOT		13456 1 CONTROLS TFR-TKR CHANNEL RECEPTION 2 ROTARY SWITCH-KNOB 3 FULLY COUNTERCLOCKWISE-OFF 4 CLOCKWISE ROTATION TURNS ON RECEPTION AND INCREMENTS VOLUME 5 KNOB IS PULLED TO ACTIVATE TFR-TKR COMMUNICATIONS CHANNEL- 6 UNNECESSARY TO RECEIVE TFR-TKR SIGNALS				2	34

PAGE 44 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC30902011002	TFR-TRK INDICATOR LIGHT-COP	4	1 2 3 4	23 1 2 3 4	SIMPLE INDICATOR LIGHT-WHITE ILLUMINATES TO INDICATE TFR-TRK MILE SWITCH KNOB IS PULLED OUT ACTIVATING TFR-TRK COMMUNICATIONS CHANNEL N/A		1	
EC309020111	VOLUME SWITCH-COPILOT ICS		1 2	2 1	6 POSITION ROTARY SWITCH CONTROLS OVERALL RECEIVE VOLUME IN 5 DB STEPS		1	
EC309020112	CALL SWITCH-COPILOT ICS		1 2 3	23 1 2 3	PUSHBUTTON SWITCH WHEN DEPRESSED CALL NETWORK MESSAGES ARE HEARD AT A LEVEL 6 DB ABOVE MASTER VOLUME CONTROL SETTING		1	
EC309020113	TEST SWITCH-COPILOT ICS		1 2 3	23 1 2 3	PUSHBUTTON SWITCH CONNECTS INPUT AND OUTPUT AMPLIFIERS OF CSU IN SERIES FOR TESTING THE UNIT		1	
EC3090202	PUSH-TO-TALK SWITCH-COPILOT		1 2 3	3 1 2	3 POSITION SLIDE SWITCH LOCATED ON NUMBER 4 THROTTLE (PILOT AND COPILOT) USED TO ACTIVATE ICS OR MIC		1	
EC3090301	OSO ICS		1	1	PROVIDES MEANS OF COMMUNICATION		1	
EC309030101	OSO INTERPHONE SWITCH		1	1	FOOT-OPERATED SWITCH		1	
EC309030102	OSO MICROPHONE SWITCH		1	1	FOOT-OPERATED SWITCH		1	
EC30903010401	OSO HF OSO ICS PANEL		1	1	A UNIT		1	
EC309040101	OSO INTERPHONE SWITCH		1	1	FOOT-OPERATED SWITCH		1	
EC309040102	OSO MICROPHONE SWITCH		1	1	FOOT-OPERATED SWITCH		1	
EC30904010401	OSO HF SEARCH-RESCUE PANEL		1 2	2 1	2 A UNIT NO INFORMATION GIVEN		1	
EC31001	ARM-DISARM SWITCH		1	1	NO INFORMATION GIVEN		1	
EC31002	MAN DEPLOY RCOR-BCN CONTROL		1 2	1 2	2 PUSHBUTTON CONTROLS NO INFORMATION GIVEN		1	
EC311	UHF SECURE COMPUTER		1	1	NO INFORMATION GIVEN		1	
EC31201	IFF SECURE COMPUTER NO.1		1	1	NO INFORMATION GIVEN		1	
EC31202	IFF SECURE COMPUTER NO.2		1 2 3	1 2 3	12 A UNIT THAT PROVIDES OPERATOR THE MEANS TO PERFORM SYSTEM NAVIGATION FUNCTIONS UNIT		3	
EC401	NAVIGATION PANEL							

PAGE 45 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC4010101	PRESENT POSITION WIND DIR	1 2 3 4 5 6 7 8	1678 DIGITAL READOUT, DISPLAYS DIRECTION WIND IS FROM IN DEGREES THE VALUE OF WIND DIRECTION DISPLAYED IS DEPENDENT UPON THE DISPLAY MODE SELECTED BY THE PRESENT POSITION DISPLAY SELECT SWITCH, AND THE NAVIGATION CALCULATIONS OF THE SYSTEMS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8. IN CASE NEITHER IMU OR DOPPLER ARE BEING USED, WIND DIRECTION WILL EITHER BE THE LAST COMPUTER VALUE OF THE SYSTEM, A MANUALLY-INSERTED VALUE, OR A MEMORY POINT WIND CALCULATION 1567				1 12345	
EC4010102	PRESENT POSITION WIND VELOCITY	1 2 3 4 5 6 7	DIGITAL READOUT, DISPLAYS WIND VELOCITY IN KNOTS VALUE OF WIND VELOCITY DISPLAYED IS DEPENDENT UPON THE DISPLAY MODE SELECTED VIA E4-1.1.11 AND NAVIGATION CALCULATIONS OF THE SYSTEMS INDICATED BY E4-1.5.6, E4-1.5.7, AND E4-1.5.8. IN CASE NEITHER IMU OR DOPPLER ARE BEING USED, WIND VELOCITY WILL BE LAST COMPUTED VALUE OF THE SYSTEM, A MANUALLY-INSERTED VALUE, OR A MEMORY POINT WIND CALCULATION 12345				12 12345	
EC4010103	PRESENT POSITION LATITUDE	1 2 3 4 5	DIGITAL READOUT DISPLAYS PRESENT POSITION LATITUDE IN DEGREES AND MINUTES VALUE OF LATITUDE DISPLAYED IS DEPENDENT ON DISPLAY MODE SELECTED VIA E4-1.1.11 AND NAVIGATION CALCULATIONS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8. 1234				1 1234	
EC4010104	PRESENT POSITION LONGITUDE	1 2 3 4	DIGITAL READOUT DISPLAYS PRESENT POSITION IN DEGREES AND MINUTES VALUE OF LONGITUDE DISPLAYED IS DEPENDENT ON DISPLAY MODE SELECTED VIA E4-1.1.11, AND NAVIGATION CALCULATIONS OF THE SYSTEMS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8. 12				12 1234567	
EC4010105	PRESENT POSITION ALTITUDE SEL	1 2 3 4 5 6 7	2-LEGEND, LIGHTED MOMENTARY PUSHBUTTON SWITCH, SELECTS SOURCE OF DATA FOR THE ALTITUDE DISPLAY E4-1.1.6 IN HSL MODE, DISPLAY MAY BE DEPENDENT ON DISPLAY MODE VIA E4-1.1.11 AND NAVIGATION CALCULATIONS OF THE SYSTEMS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8. HR MODE IS ABSOLUTE ALTITUDE (HEIGHT ABOVE TERRAIN) FROM RADAR ALTIMETER 1234				1234 1234	
EC4010106	PRESENT POSITION ALTITUDE	1 2 3 4	DIGITAL READOUT DISPLAYS MSL OR HR AS SELECTED BY E4-1.1.5 TO NEAREST FOOT. FURTHEST LEFT POSITION USED TO DISPLAY 'LESS THAN' SIGN IF ALTITUDE VALUE IS NEGATIVE (BELOW SEA LEVEL). 2567				134567 13456	
EC4010107	PRESENT POSITION MISSION TIME	1 2 3 4 5 6 7	24-HOUR CLOCK, DIGITAL READOUT TO NEAREST SECOND ACTIVE WHEN POWER IS APPLIED TO ACU AND CONTROLS AND DISPLAYS CAN BE SET BY KRS BY KEYING IN A FUTURE TIME, THEN DEPRESSING THE ENTER SWITCH WHEN FUTURE TIME AND ACTUAL TIME ARE COINCIDENT. CAN BE USED AS AN ELAPSED TIME INDICATION BY SETTING ALL NUMERICS TO 0 AND DEPRESSING ENTER WHEN START OF ELAPSED TIME IS DESIRED THIS IS A SOURCE OF TIME FOR ETE AND LIA CALCULATIONS					

PAGE 46 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC4010108	GROUND TRACK READOUT	1 2 3 4 5	12345 DIGITAL READOUT, DISPLAYS GROUND TRACK OF A/C IN DEGREES AND TENTHS OF DEGREES VALUE OF GROUND TRACK DISPLAYED IS DEPENDENT UPON THE DISPLAY MODE SELECTED VIA E4-1.1.11, AND NAVIGATION CALCULATIONS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8.				12 12345	
EC4010109	GROUND SPEED READOUT	1 2 3 4	1234 DIGITAL READOUT, DISPLAYS GROUND SPEED OF THE A/C IN KNOTS VALUE OF GROUND SPEED DISPLAYED IS DEPENDENT UPON THE DISPLAY MODE SELECTED VIA E4-1.1.11, AND NAVIGATION CALCULATIONS OF SYSTEMS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8.				1 1234	
EC4010110	TRUE HEADING READOUT	1 2 3 4 5	12345 DIGITAL READOUT, DISPLAYS TRUE HEADING OF A/C IN DEGREES AND TENTHS OF DEGREES VALUE OF TRUE HEADING DISPLAYED IS DEPENDENT UPON DISPLAY MODE SELECTED VIA E4-1.1.11, AND NAVIGATION CALCULATIONS INDICATED BY E4-1.5.6, E4-1.5.7, E4-1.5.8.				12 12345	
EC4010111	DISPLAY SELECT SWITCH	1 2 3 4 5	12345 PRESENT POSITION DISPLAY SELECT SWITCH IS A 4-LEGEND LIGHTED MOMENTARY PUSHBUTTON THAT CONTROLS PRESENT POSITION NUMERIC READOUTS E4-1.1.1 - E4-1.1.4, E4-1.1.8 - E4-1.1.10. PROVIDES MEANS TO MONITOR AND COMPARE RESULTS OF THE COMPUTATION OF PRESENT POSITION BY THE VARIOUS NAVIGATION SYSTEMS ONLY ONE SEGMENT OF THE SWITCH IS LIT AT ONE TIME 4 LEGEND LIGHTED MOMENTARY PUSHBUTTON				7 6 123	
EC4010201	LATITUDE READOUT	1 2 3 4	123 SELECTED POINT LATITUDE READOUT DISPLAYS LATITUDE OF SELECTED POINT WHICH IS IDENTIFIED BY E4-1.2.7, E4-1.2.8. SELECTED POINT CAN BE ENTERED VIA THE MISSION TAPE OR IKB. DIGITAL READOUT				4 12 123	
EC4010202	LONGITUDE READOUT	1 2 3 4	123 SELECTED POINT LONGITUDE READOUT DISPLAYS LONGITUDE OF SELECTED POINT IDENTIFIED VIA E4-1.2.7, E4-1.2.8. SELECTED POINT CAN BE THE MISSION TAPE OR IKB DIGITAL READOUT				4 12 123	
EC4010203	ELEVATION READOUT	1 2 3 4 5 6	123 SELECTED POINT ELEVATION READOUT DISPLAYS ELEVATION OF SELECTED POINT WHICH IS IDENTIFIED VIA E4-1.2.7, E4-1.2.8. SELECTED POINT CAN BE ENTERED VIA MISSION TAPE OR IKB IF ELEVATION IS BELOW SEA LEVEL, FURTHER LEFT DIGIT WILL DISPLAY A "LESS THAN" SIGN. DIGITAL READOUT				6 1234567	
EC4010204	TIME READOUT	1 2 3 4 5 6	1234567 SELECTED POINT TIME READOUT DISPLAYS THE ETC TO SELECTED POINT IDENTIFIED IN E4-1.2.7, E4-1.2.8, UNLESS POINT IS A CP OR OAP, IN WHICH CASE IT BLANKS THIS IS BASED UPON FOLLOWING DATA AND ASSUMPTIONS: PRESENT POSITION AS DETERMINED BY SYSTEM NAVIGATING THE A-C, PRESENT GROUND SPEED, AND A DIRECT STEERING COURSE BETWEEN PRESENT POSITION AND SELECTED POINT POSITION DIGITAL READOUT				6 123	
EC4010205	RANGE READOUT	1 2 3	12 SELECTED POINT RANGE READOUT DISPLAYS DIRECT RANGE IN NAUTICAL MILES TO THE SELECTED POINT IDENTIFIED IN E4-1.2.7, E4-1.2.8. DIGITAL READOUT				3 12	

PAGE 47 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EO4010205	FORWARD-REVERSE SELECTOR	1 2 3 4 5 6 7 8 9	123456789 2-DIRECTIONAL 5-PCS SPRING-LOADED-TO-CENTER TOGGLE SWITCH THAT, IN CONJUNCTION WITH CROSS HAIR CONTROLS, CONTROLS SELECTED POINT SEQUENCE AND DATA OF E4-1.2.1 - E4-1.2.5. THIS CONTROL PROVIDES CAPABILITY TO EXAMINE ANY FUTURE, CURRENT, OR PAST EVENT STORED IN ACU IN THE ORDER OR REVERSE ORDER OF THEIR SCHEDULED OCCURRENCE ACTIVATING THIS SWITCH OVERRIDES ANY PREVIOUS CROSS-HAIR CONTROL ACTIONS ALL CROSS HAIR LIGHTS BLANK WHEN USING THIS SWITCH				123 123	
EO4010207	SEQUENCE NUMBER IDENTIFIER	1 2 3 4 5 6 7 8	23 ADDITIONAL VALUES ARE DOF(OVERFLY DESTINATION), TRZ (TANKER RENDEZVOUS) SELECTED POINT SEQUENCE NUMBER IDENTIFIER IS AN ALPHA READOUT WHICH IDENTIFIES THE POINT IN E4-1.2.8. VALUES LISTED ABOVE, IN LISTED ORDER, MEAN: CP(CHECK POINT), OAP(OFFSET AIM POINT), TG(GRAVITY TARGET), TM(MISSILE TARGET), ITS(TURN SHORT INITIAL POINT), IOF(OVERFLY INITIAL POINT), OTS(TURN SHORT DESTINATION) ADDITIONAL VALUES= DOF(OVERFLY DESTINATION), TRZ(TANKER RENDEZVOUS) ALPHA READOUT				123 123456789	
EO4010208	SEQUENCE NUMBER	1 2 3 4 5 6 7 8 9	123456789 SELECTED POINT SEQUENCE NUMBER IS A 3-DIGIT NUMBER READOUT WITH A DASH ADDENDUM NUMBER WHICH INDICATES THE NUMBER OF THE SELECTED POINT AND HENCE DEFINES CORRESPONDING DATA OF E4-1.2.1 - E4-1.2.5. IF ADDENDUM NUMBER IS ZERO, THE ZERO WILL BE LIT. EXCEPT FOR THE ID MODE, THIS READOUT DISPLAYS SEQUENCE NUMBERS OF POINTS ENTERED INTO THE ACU EITHER VIA MISSION TAPE OR THE IKB. READOUT IS CONTROLLED BY BOTH FORWARD REVERSE SWITCH AND CROSS HAIR CONTROL SWITCHES, AND ACTIVATION OF ANY ONE OVERRIDES PREVIOUS ACTIVATION				123 123456789	
EO4010209	FLY TO SELECTED POINT	1 2 3 4 5 6 7 8 9	123456789 WHEN ACTIVATED, RESULTS IN A-C STEERING TO THE SELECTED POINT SEQUENCE NUMBER E4-1.2.7, E4-1.2.8 UNLESS IT IS AN OAP, IN WHICH CASE THE COMMAND WILL NOT BE HONORED BY THE ACU AND FLY TO SWITCH WILL NOT LIGHT ACTIVATION OF THIS SWITCH IS IMMEDIATELY REFLECTED BY THE CHANGES TO THE STEERING POINT DATA OF E4-1.3.1 - E4-1.3.4. WHEN ACTIVATED, SWITCH WILL REMAIN LIT UNTIL E4-1.2.7, E4-1.2.8 ARE MANUALLY CHANGED BY THE OPERATOR OR UNTIL SELECTED STEERING POINT IS REACHED, WHICHEVER COMES FIRST PUSHEUTTON SWITCH				9 123456789	
EO4010301	NUMBER IDENTIFIER-STEERING	1 2	1 ALPHA READOUT, WHICH IDENTIFIES THE POINT IN E4-1.3.2. ADDITIONAL VALUES ARE DOF AND TRZ.				1 2	
EO4010302	STEERING SEQUENCE NUMBER	1 2 3 4 5 6	12345 3-DIGIT READOUT WITH A DASH ADDENDUM NUMBER WHICH INDICATES NUMBER OF THE CURRENT STEERING POINT AND HENCE DEFINES THE CORRESPONDING DATA OF E4-1.3.3 AND E4-1.3.4. READOUT AUTOMATICALLY CYCLE TO THE NEXT STEERING POINT WHENEVER THE START OF TURN TO THAT POINT IS INITIATED 3 DIGIT READOUT WITH DASH ADDENDUM NUMBER				6 12345	

	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
PAGE 48							12345
MODE							12345
EO4010303		1	INDICATES TIME IN HOURS AND MINUTES ENROUTE FROM PRESENT POSITION AS DETERMINED BY THE SYSTEM NAVIGATING THE A-V TO THE POINT WHERE THE TURN TO THE NEXT LEG STARTS.				
		2	IF TIME ENROUTE IS GREATER THAN LARGER VALUE, 9:59 WILL REMAIN DISPLAYED UNTIL TIME STARTS TO DECREASE BELOW THAT VALUE				
		3	DIGITAL READOUT				
		4	DIGITAL READOUT				
		5	DIGITAL READOUT				
		6	DIGITAL READOUT				
		7	DIGITAL READOUT				
		8	DIGITAL READOUT				
		9	DIGITAL READOUT				
EO4010304		1	DIGITAL READOUT, INDICATES GROUND MAP DISTANCE IN NAUTICAL MILES FROM PRESENT POSITION TO START OF THE TURN OF THE CURRENT STEERING POINT.				
		2	IF DISTANCE IS GREATER THAN 999, ALL 9'S REMAIN DISPLAYED UNTIL DISTANCE IS LESS THAN 999.				
		3	DIGITAL READOUT				
		4	DIGITAL READOUT				
		5	DIGITAL READOUT				
		6	DIGITAL READOUT				
		7	DIGITAL READOUT				
		8	DIGITAL READOUT				
		9	DIGITAL READOUT				
EO4010305		1	2-SEGMENT LIGHTED MOMENTARY SWITCH THAT SELECTS MODE OF STEERING TO THE POINT DISPLAYED IN E4-1.3.1, E4-1.3.2.				
		2	IN DIRECT MODE, A-C FLIES FROM PRESENT POSITION DIRECTLY VIA A GREAT CIRCLE COURSE TO THE STEERING POINT, TURN SHORT OR OVLRFY THAT TURN POINT, FLY DIRECT TO SEQUENCED STEERING POINTS.				
		3	POINT, FLY DIRECT TO SEQUENCED STEERING A-C STEERING TO INTERCEPT AT TRACK LEG MODE AUTOMATICALLY CORRECTS CURRENT PROGRAMMED AND PLANNED ABOUT 50 DEG, COURSE LINE DRAWN BETWEEN CURRENT PREPLANNED TRACK LEG STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
		4	STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
		5	STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
		6	STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
		7	STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
		8	STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
		9	STEERING POINT PRECEDING IT, AND FOLLOWS PREPLANNED TRACK LEG				
EO4010401		1	3 PCS, SPRING-LOADED-TO-NEUTRAL, TOGGLE SWITCH, PERMITS ACCEPTANCE OR REJECTION OF DELTA ALTITUDE VALUE.				
		2	IF SWITCH IS PUSHED TO ACCEPT POSITION, IN UPDATE ANNUNCIATOR OF NAVIGATION CORRECT PANEL IMMEDIATELY LIGHTS, STAYS LIT UNTIL KALMAN EITHER ACCEPTS OR REJECTS THE VALUE				
		3	IF SWITCH IS PUSHED TO REJECT POSITION, E4-1.4.2 AND E4-1.4.3 BLANK UNTIL START OF THE TURN TO THE NEXT CALIBRATION DESTINATION IS REACHED				
		4	AT WHICH TIME ELEVATION ENTERS THE READOUT REGISTER AND ELEVATION SELECT LIGHT WILL LIGHT				
		5	SELECT LIGHT WILL LIGHT				
		6	SELECT LIGHT WILL LIGHT				
		7	SELECT LIGHT WILL LIGHT				
		8	SELECT LIGHT WILL LIGHT				
		9	SELECT LIGHT WILL LIGHT				
EO4010402		1	A COMBINED NUMERICAL READOUT WHICH PROVIDES BOTH TERRAIN ELEVATION OVER WHICH ALT CAL IS TO TAKE PLACE AS WELL AS THE CHANGE OF CURRENT SYSTEM ALTITUDE				
		2	E4-1.4.3 INDICATES WHAT DATA IS PRESENTLY BEING DISPLAYED IN READOUT FOR PREPLANNED CALIBRATIONS, TERRAIN ELEVATION IS DISPLAYED IN READOUT AND ELEV STATUS LIGHT WILL BE LIT.				
		3	WHEN ELEV SEGMENT OF ALT CAL PUSHBUTTON IS ACTIVATED, DISPLAY CHANGES TO IMMEDIATELY INDICATE DELTA ALTITUDE - VALUE IN READOUT IS AMOUNT OF PROPOSED CHANGE TO SYSTEM ALTITUDE				
		4	PROPOSED CHANGE TO SYSTEM ALTITUDE				
		5	PROPOSED CHANGE TO SYSTEM ALTITUDE				
		6	PROPOSED CHANGE TO SYSTEM ALTITUDE				
		7	PROPOSED CHANGE TO SYSTEM ALTITUDE				
		8	PROPOSED CHANGE TO SYSTEM ALTITUDE				
		9	PROPOSED CHANGE TO SYSTEM ALTITUDE				
EO4010403		1	2-SEGMENT LIGHTED LEGEND SWITCH, INITIATES AND COMPLETES AN ALTITUDE CALIBRATION, AND INDICATING WHAT DATA IS BEING DISPLAYED IN E4-1.4.2.				
		2	AFTER START OF THE TURN TO APPROACH A PLANNED ALTITUDE CALIBRATION POINT, ELEVATION SEGMENT OF THIS PUSHBUTTON WILL BE LIT, AND READOUT E4-1.4.2 WILL INDICATE TERRAIN ELEVATION OVER WHICH CALIBRATION IS TAKING PLACE				
		3	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				
		4	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				
		5	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				
		6	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				
		7	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				
		8	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				
		9	FLASHING OF DELTA ALTITUDE SEGMENT INDICATES CALIBRATION IS TAKING PLACE				

PAGE 49 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E0401C501	AUTO-MAN MODE SELECT	1 2 3 4 5 6 7 8	12345678 2 PGS LIGHTED LEGE D SWITCH, DETERMINES IF OPERATOR OR ACU DETERMINES WHICH NAVIGATION MODE AND WHICH NAVIGATION CALCULATIONS ARE TO BE SELECTED IN AUTO POSITION, ACU DETERMINES WHEN AND WHICH MODE AND CALCULATIONS WILL BE USED IN MAN POSITION, OPERATOR CAN SELECT BOTH THE NAVIGATION MODE, AND THE CALCULATIONS, PROVIDED THE MODE AND, OR CALCULATION SELECTED IS AVAILABLE AND NOT INHIBITED				12345678	45678
E0401C502	INS-1 MODE SELECT	1 2 3 4 5 6 7	1234567 INS-1 SELECT IS A LIGHTED LEGEND SWITCH, INDICATES WHEN THE INS-1 SYSTEM IS BEING USED TO NAVIGATE THE A-C. SELECTION OF A NAVIGATION SYSTEM WHICH IS NOT READY OR AVAILABLE IS THEREFORE PRECLUDED BY SOFTWARE PROGRAM LOGIC EITHER E4-1-5-2 OR E4-1-5-3 WILL FLASH 4 TIMES PER SECOND FOR 17 SECONDS TO INDICATE WHICH KALMAN FILTER REJECTS AN UPDATE IF AND WHEN SUCH OCCURS.				12	34567
E0401C503	INS-2 MODE SELECT	1 2	12 INS-2 SELECT IS A LIGHTED LEGEND SWITCH THAT INDICATES THE INS-2 SYSTEM IS BEING USED TO NAVIGATE THE A-C.				12	12
E0401C504	DR NAVIGATION MODE SELECT	1 2	12 DR NAVIGATION SELECT IS A LIGHTED LEGEND SWITCH THAT INDICATES THE DR SYSTEM IS BEING USED TO NAVIGATE THE A-C.				12	12
E0401Q505	LAND-SEA MODE SELECT	1 2 3 4 5 6	123 2-SEGMENT, LIGHTED LEGEND SWITCH WHICH IS INITIATED ONLY BY THE OPERATOR (EXCEPT AT SYSTEM STARTUP) TO INDICATE TO THE KALMAN FILTER IF THE DOPPLER RETURN IS FROM LAND OR SEA. ONLY THAT SEGMENT OF THE SWITCH WHICH IS APPLICABLE WILL BE LIT NEITHER SEGMENT LIGHTS IF DOPPLER POWER SWITCH IS EITHER OFF OR IN STANDBY MODE.				123	456
E0401Q506	INS-1 CALCULATION MODE SELECT	1 2 3 4 5 6	1234 3-SEGMENT LIGHTED LEGEND SWITCH, INDICATES THAT THE DOPPLER DAMPED INERTIAL DATA (D), AIR DATA DAMPED INERTIAL (I), OR PURE INERTIAL DATA (I) ARE BEING USED IN DETERMINING THE INS-1 ESTIMATE OF PRESENT POSITION 3-SEGMENT LIGHTED LEGEND SWITCH				5	1234
E0401C507	INS-2 CALCULATION MODE SELECT	1 2 3 4 5	1234 3-SEGMENT LIGHTED SWITCH THAT INDICATES THE DOPPLER DAMPED INERTIAL DATA (D), AIR DATA DAMPED INERTIAL (I), OR PURE INERTIAL DATA (I) ARE BEING USED IN DETERMINING THE INS-2 SYSTEM ESTIMATE OF PRESENT POSITION 3 POSITION LIGHTED LEGEND SWITCH				5	1234
E0401Q508	DR CALCULATION MODE SELECT	1 2 3 4 5 6 7	1234 MOMENTARY 2-SEGMENT LIGHTED LEGEND SWITCH, INDICATES CALCULATION MODE OF DEAD RECKONING (OR) NAVIGATION. INDICATES IF DOPPLER OR (DDR) OR AIR DATA OR (ADDR) IS BEING USED IN DETERMINING OR ESTIMATE OF PRESENT POSITION. ANYTIME DR MODE IS BEING USED TO NAVIGATE AIRCRAFT, ALL NAVIGATION UPDATES ARE ACCEPTED 100 PERCENT BY THE SYSTEM MOMENTARY 2-SEGMENT LIGHTED LEGEND SWITCH				7	123456

E04010601

NAME

FORWARD SIGHT CONTROL

*CURR-ACTION

*FUNCTION *LOCATION *NAME

*SYN

*TYPE

*VALUES

1: NONLIGHTED PUSHBUTTON, CLNTERS CENTERS THE AZIMUTH AND RANGE CURSORS ON FLR INDICATOR, PROVIDING TRACKING HANDLE HAS CONTROL OF X-HAIRS IF THE TRACKING HANDLE DOES NOT HAVE CONTROL OF THE X-HAIRS, THE ACU DOES NOT RESPOND TO THE ACTIVATION OF THIS SWITCH
NON-LIGHTED PUSHBUTTON SWITCH
12345678

E04010602 IDENTIFICATION MODE SELECT

1 LIGHTED PUSHBUTTON, ACTIVATES THE TRACKING HANDLE, AND FREE X-HAIR MOVEMENT IS AN EFFECT (ASSUMING FLR IS PROPERLY CONFIGURED AND PPC SWITCH IS OUT).
2 IF FLR OR EVS IS NOT PROPERLY CONFIGURED, ID FUNCTION CANNOT BE SELECTED.
3 WHEN ID IS DESELECTED, THE SELECTED POINT SEQUENCE NUMBER READOUT REVERTS BACK TO THE CURRENT CP-1, UNLESS STEERING POINT IS A GRAVITY TARGET, IN WHICH CASE THE TGT PUSHBUTTON WILL LIGHT.
4 LIGHTED PUSHBUTTON
12345678

E04010603

CHECK POINT-1 CONTROL

1 LIGHTED PUSHBUTTON, CONTROLS X-HAIR POSITIONING AND SELECTED POINT DATA OF E4-1.2.1 - E4-1.2.5, E4-1.2.7 AND E4-1.2.8.
2 ACTIVATION OF CP-1 POSITIONS THE X-HAIR ON THE CURRENT CP.
3 AUTOMATIC CYCLING OF THE CURRENT CPS (ASSUMING PROPER FLR CONFIGURATION) WITH THE CP-1 ACTIVATED WILL OCCUR WHEN THE AZIMUTH SCAN LIMIT IS EXCEEDED, AND NOT WHEN NAVIGATION UPDATES HAVE BEEN COMPLETED
12345678

E04010604

CHECK POINT-2 CONTROL

1 LIGHTED PUSHBUTTON CONTROL X-HAIR POSITIONING AND SELECTED POINT DATA OF E4-1.2.1 - E4-1.2.5, E4-1.2.7 AND E4-1.2.8.
2 ACTIVATION OF CP-2 POSITIONS THE X-HAIR ON THE CURRENT CP.
3 AUTOMATIC CYCLING OF THE CURRENT CPS (ASSUMING PROPER FLR CONFIGURATION) WITH THE CP-1 ACTIVATED WILL OCCUR WHEN THE AZIMUTH SCAN LIMIT IS EXCEEDED, AND NOT WHEN NAVIGATION UPDATES HAVE BEEN COMPLETED
12345678

E04010605

DESTINATION X-HAIR CONTROL

1 MANUALLY SELECTABLE LIGHTED PUSHBUTTON WHICH ALLOWS X-HAIRS TO BE POSITIONED ON DESTINATIONS POINTS.
2 ONLY IF IT IS ACTIVATED AND FLR AND, OR EVS PROPERLY CONFIGURED WILL AUTOMATIC X-HAIR LAY OCCUR FOR DESTINATIONS, EVEN IF THEY ARE INITIAL POINTS
3 MANUALLY SELECTABLE LIGHTED PUSHBUTTON SWITCH
12345678

E04010606

GRAVITY TARGETS X-HAIR CONTROL

1 LIGHTED PUSHBUTTON, CONTROLS X-HAIR, LAYING IT ON THE NEXT SCHEDULED GRAVITY STORES TARGET, PROVIDED FLR AND, OR EVS ARE PROPERLY CONFIGURED
2 WHEN ACTIVATED, THE DATA OF E4-1.2.1 - E4-1.2.5, E4-1.2.7 AND E4-1.2.8 REFLECT THE DATA OF THE NEXT SCHEDULED GRAVITY TARGET.
3 AFTER BOMB RELEASE, SYSTEM AUTOMATICALLY PUTS THE X-HAIRS BACK INTO AUTOMATIC LAY ON THE CURRENT CP, CP-1 PUSHBUTTON LIGHTS, AND TARGET PUSHBUTTON EXTINGUISHES.
4 LIGHTED PUSHBUTTON
12345678

E04010607

NAME

OFFSET AIM POINT-1 CONTROL

*CORR-ACTION

*FUNCTION

*LOCATION

*NAME

*SYN

*TYPE

*VALUES

123456789
LIGHTED PUSHBUTTON, CONTROLS X-HAIR POSITION, (PROVIDED FLR AND, OR EVS ARE PROPERLY CONFIGURED), AND THE SELECTED POINT READOUTS E4-1.2.1 - E4-1.2.5, E4-1.2.7 AND E4-1.2.8.
4 ACTIVATION OF OAP CONTROLS WILL LAY X-HAIRS ON THE OAPS ASSOCIATED WITH THE NEXT GRAVITY WEAPON TARGET.
6 WITH TWO OAP CONTROLS, IT IS POSSIBLE TO SWITCH BACK AND FORTH BETWEEN THE TWO TO COMPARE X-HAIR LAY.
8 IT IS ALSO POSSIBLE TO PERFORM NAVIGATION UPDATES ON OAPS BEFORE BOMB RELEASE
9

OFFSET AIM POINT-2 CONTROL

E04010608

123456789
LIGHTED PUSHBUTTON CONTROLS X-HAIR POSITION, (PROVIDED FLR AND, OR EVS ARE PROPERLY CONFIGURED), AND THE SELECTED POINT READOUTS E4-1.2.1 - E4-1.2.5, E4-1.2.7 AND E4-1.2.8.
4 ACTIVATION OF OAP CONTROLS WILL LAY X-HAIRS ON THE OAPS ASSOCIATED WITH THE NEXT GRAVITY WEAPON TARGET.
6 WITH TWO OAP CONTROLS, IT IS POSSIBLE TO SWITCH BACK AND FORTH BETWEEN THE TWO TO COMPARE X-HAIR LAY.
8 IT IS ALSO POSSIBLE TO PERFORM NAVIGATION UPDATES ON OAPS BEFORE BOMB RELEASE
9

FLIGHT DIRECTOR INDICATOR

E040107

12345
FLIGHT DIRECTOR-AUTO PILOT INFORMATION INDICATOR LIGHT, COLORED GREEN WHEN LEGEND SHOWS, THE FRONT STATION OPERATOR WHO HAS COMMAND OF THE AUTO PILOT HAS ENGAGED THE FLIGHT DIRECTOR OPTION OF THE AUTO PILOT SYSTEM
5 INDICATOR LIGHT-GREEN WITH LEGEND
23

TERRAIN FOLLOWING INDICATOR

E04010702

123
FLIGHT DIRECTOR-AUTO PILOT INFORMATION INDICATOR LIGHT, COLORED GREEN WHEN LEGEND SHOWS, THE FRONT STATION OPERATOR WHO HAS COMMAND OF THE AUTO PILOT SYSTEM HAS ENGAGED AUTOMATIC TERRAIN FOLLOWING MODE.
23456

NAVIGATION INDICATOR

E04010703

123456
FLIGHT DIRECTOR-AUTO PILOT INFORMATION INDICATOR LIGHT, COLORED GREEN WHEN LEGEND SHOWS, ONE OR BOTH OF THE FRONT STATION OPERATOR'S FLIGHT DIRECTORS IS SET TO NAV IF THE FLT DIR IS NOT LIT.
4 IF FLT DIR AND NAV BOTH ARE LIT, THE ONE WHO HAS COMMAND OF THE AUTO PILOT HAS ENGAGED THE FLIGHT DIRECTOR AND HAS THE FLIGHT DIRECTOR SET TO NAV.
23456

AILA INDICATOR

E04010704

123456
FLIGHT DIRECTOR-AUTO PILOT INFORMATION INDICATOR LIGHT, COLORED GREEN WHEN LEGEND SHOWS, ONE OR BOTH OF THE FRONT STATION OPERATOR'S FLIGHT DIRECTORS IS SET TO AILA IF THE FLT DIR IS NOT LIT.
4 IF FLT DIR AND AILA ARE BOTH LIT, THE ONE WHO HAS COMMAND OF THE AUTO PILOT AND HAS ENGAGED THE FLIGHT DIRECTOR HAS HIS FLIGHT DIRECTOR SET TO AILA
23456

RNDVS INDICATOR

E04010705

123456
FLIGHT DIRECTOR-AUTO PILOT INFORMATION INDICATOR LIGHT, COLORED GREEN WHEN LEGEND SHOWS, ONE OR BOTH OF THE FRONT STATION OPERATOR'S FLIGHT DIRECTORS IS SET TO RNDVS IF THE FLT DIR IS NOT LIT.
4 IF FLT DIR AND RNDVS ARE BOTH LIT, THE ONE WHO HAS COMMAND OF THE AUTO PILOT AND HAS ENGAGED THE FLIGHT DIRECTOR HAS HIS FLIGHT DIRECTOR TO RNDVS.
12

NAVIGATION CORRECTION PANEL

E0402

123
A UNIT THAT PROVIDES THE OPERATOR THE MEANS TO CONTROL NAVIGATION SYSTEM CORRECTIONS
3 UNIT

PAGE 52 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC40201	EVS CONTROL SWITCH	1 2 3 4 5 6 7	234507 MOMENTARY REAR-LIGHTED PUSHBUTTON SWITCH WHEN ACTIVATED, THE ACU ILLUMINATES THE EVS INDICATOR LAMP AND CHANGES EVS STEERING COMMAND MECHANIZATION TO MAN/TRACK. POSITION FIXING REQUIRES 4 TARGET ANGLE OBSERVATIONS. ACU ACCEPTS FIRST SET OF ANGLES. WHEN A SUITABLE INTERVAL HAS PASSED, THE OSD ENSURES PROPER X-HAIR ALIGNMENT AND ACTIVATES ENTER SWITCH. UPON COMPLETION OF SEQUENCE, EVS INDICATOR LAMP IS DEACTIVATED BY ACU.				1	1237
EC40202	OVERFLY CONTROL SWITCH	1 2 3 4 5 6	23456 MOMENTARY LIGHTED PUSHBUTTON SWITCH. WHEN ACTIVATED, INDICATOR IS ILLUMINATED BY ACU. DATA CONTAINED IN READOUTS OF SELECTED POINT OF NAVIGATION CUNT PNL IS USED TO UPDATE AC POSITION. WHEN AC IS DETERMINED TO BE DIRECTLY OVER THAT POINT, OPERATOR DEPRESSES ENTER SWITCH. OVERFLY LAMP IS DEACTIVATED.				1	12
EC40203	ID RCD CONTROL SWITCH	1	1 THIS SWITCH IS INOPERATIVE				1	1234
EC40204	MEMORY POINT CONTROL SWITCH	1 2 3 4 5 6	123456 MOMENTARY PUSHBUTTON, REAR-LIGHTED SWITCH FOR WIND COMPUTATIONS X-HAIRS SHOULD BE ON AIMING POINT WHEN MEMORY POINT ROUTINE IS ACTIVATED BY DEPRESSING THIS SWITCH. BUTTON ILLUMINATES AND REMAINS SO UNTIL TERMINATION OF MEMORY POINT WIND RUNS BY THE MEMORY POINT METHOD MAY BE TAKEN DURING ANY POSITION UPDATE WITH PPC SWITCH IN.				12	123
EC40205	ENTER CONTROL	1 2 3	1 MOMENTARY PUSHBUTTON SWITCH, RECESSED INTO PANEL AS A SAFEGUARD AGAINST ACCIDENTAL ACTIVATION. DEPRESSING SWITCH INITIATES NAVIGATION UPDATE.				123	4567
EC40206	UPDATE QUALITY SELECTOR	1 2 3 4 5 6 7	1234567 MOMENTARY PUSHBUTTON SWITCH, WITH A 3-WAY SPLIT DISPLAY, USED TO INDICATE NAVIGATION UPDATE QUALITY OF THE POINT IDENTIFIED IN THE SELECTED POINT SEQUENCE NUMBER READOUT OF THE NAVIGATION PANEL WITH EACH SWITCH DEPRESSION, THE SOFTWARE ADVANCES THE QUALITY READOUT TO THE NEXT NUMBER. ACU ACKNOWLEDGES EACH SWITCH DEPRESSION BY ILLUMINATING THE PROPER LEGEND LAMP (EACH DEPRESSION ADVANCES READOUT: 1,2,3,1,0,0,1)				123	4567
EC4020701	DCO INDICATOR	1 2 3 4 5 6 7	12345 ILLUMINATES DURING DOPPLER CUTOFF: I.E., A DOPPLER USER MODE (DOPPLER- INERTIAL AND, LR DOPPLER-HEAD RECKONING) HAS BEEN SELECTED, AND (1) DOPPLER DATA IS INVALID OR UNAVAILABLE, OR (2) THE AIRCRAFT HAS EXCEEDED DOPPLER PITCH-ROLL ORIENTATION LIMITS. ILLUMINATES WHEN HARDWARE FAILS OR BRAKES LOCK.				6	
EC4020702	IN UPDT INDICATOR	1 2 3 4	123 COLOR CODED AMBER. ANNUNCIATOR (LEGEND) ILLUMINATES WHEN ENTER PUSHBUTTON IS ACTIVATED, REMAINS LIT UNTIL THE KALMAN ACCEPTS (LIGHT GOES OFF) OR REJECTS (LIGHT GOES OFF AND UPDT REJ ANNUNCIATOR LIGHTS) THE INPUT. COLOR CODED GREEN. ANNUNCIATOR (LEGEND)				4	
EC40208	NAV CORR CAUTION LIGHT DATA ENTRY UNIT	1 2 3 4 5	12345 PROVIDES MEANS BY WHICH MISSION AND PROGRAM DATA CAN BE TRANSFERRED FROM TAPE CASSETTES INTO ACU MEMORY. HINGED FRONT PANEL IS SWUNG OPEN AND DATA TAPE CASSETTE IS INSERTED. CASSETTES ARE SO CONFIGURED THAT IMPROPER INSERTION IS PRECLUDED. TRANSFER OF DATA IS CONTROLLED VIA THE IKB.					

PAGE 53 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E66	FORWARD-LOOKING RADAR (FLR)	1	1	CONSISTS OF E6-1 THROUGH E6-1.27			1	
E0601	INDICATOR-RECORDER	1 2 3	1 2 3	1 A UNIT, PROVIDING THE MEANS BY WHICH FORWARD-LOOKING RADAR INFORMATION IS PRESENTED TO THE OSC. UNIT, PART OF FLR			3	
E06010022	IF GAIN CONTROL	1 2 3	1 2 3	12 ROTARY CONTROL, PERMITS ADJUSTMENT OF RECEIVER GAIN IN THE GROUND AND BEACON MODES ONLY. ROTARY CONTROL (CONCENTRIC WITH VIDEO GAIN)			3	
E060101	LOCK INDICATOR	1 2	1 2	1 LIGHTS TO INDICATE RANGE LOCK HAS BEEN ACCOMPLISHED IN THE AIR MODE. SIMPLE INDICATOR			2 1	
E060102	SYSTEM MALFUNCTION INDICATOR	1 2 3	1 2 3	12 LIGHTS TO INDICATE AN ATTACK RADAR SYSTEM FAILURE OR TEMPORARY OUT-OF-TOLERANCE OPERATION. SIMPLE INDICATOR			3 12	
L060103	CRT BEZEL	1 2	1 2	1 USED FOR READING AZIMUTH CURSOR POSITION FIXED SCALE, LOCATED AROUND TOP EDGE OF CRT			2 1	
E060104	PHOTO CONTROL	1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9	123456789 3 PCS TOGGLE SWITCH FOR CONTROLLING, INITIATING EXPOSURE OF FILM. IN MANUAL POSITION, ONE PHOTO IS TAKEN EACH TIME THE SWITCH IS POSITIONED TO MAN, WITH MAXIMUM RATE OF ONCE EVERY ANTENNA FRAME (2 SCANS). IN AUTO POSITION, PHOTOS ARE TAKEN ONCE EVERY 20 ANTENNA FRAMES (40 SCANS)-WHEN SYSTEM IS IN BOMB MODE, PHOTO RATE INCREASES TO ONCE EVERY 2 ANTENNA FRAMES IN OFF POSITION, AUTOMATIC CAMERA CAPABILITY IS INOPERATIVE. WEAPON RELEASE SIGNAL FROM CONVERTER SETS INITIATES FILM EXPOSURE.			1 3 12	23456789
E060105	UNUSED FILM INDICATOR	1 2 3	1 2 3	12 DISPLAYS PERCENTAGE OF USABLE UNEXPOSED FILM REMAINING IN THE MAGAZINE WINDOW DISPLAY METER			6	12345
E060106	PHOTO MALFUNCTION INDICATOR	1 2 3 4 5 6	1 2 3 4 5 6	12345 MALFUNCTION LAMP, LIGHTS DURING THE EXPOSURE AND FILM TRANSPORT CYCLE. IF LAMP REMAINS LIT FOR LONGER THAN ONE AZIMUTH SCAN, FILM BREAKAGE, OR FAILURE TO TRANSPORT IS INDICATED. IF LAMP DOES NOT LIGHT AFTER RECEIPT OF A PHOTO COMMAND, A CAMERA LOGIC OR CAMERA SHUTTER FAILURE IS INDICATED. SIMPLE MALFUNCTION INDICATOR			6	12345
E060107	ANTENNA TILT CONTROL	1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9	123456789 ROTARY CONTROL, PROVIDES A MEANS OF MANUALLY CONTROLLING ANTENNA TILT. A MECHANICAL DETENT IS INCORPORATED AT POSITION OF ZERO CORRECTION FOR PURPOSE OF OPERATOR ORIENTATION. AIR MODE IS INOPERATIVE. GND MAN HAS EXCLUSIVE CONTROL OVER POSITION OF ANTENNA TILT. GND AUTO ENABLES THE ANTENNA TO AUTOMATICALLY FOLLOW A TILT SIGNAL WHICH CONSISTS OF THE DEPRESSION ANGLE FROM THE CONVERTER SET, PLUS OR MINUS A MANUAL CORRECTION PROVIDED BY ANTI TILT CONTROL. GND VEL FUNCTIONS THE SAME AS IN GND AUTO MODE.			1	23456789

PAGE 54 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E060108	XMTR TUNE CONTROL	1 2 3 4	123 ROTARY CONTROL, VARIES MODULATOR-RECEIVER-TRANSMITTER FREQUENCY (AFC 2 MODE ONLY IF BEACON MODE IS NOT SELECTED) OVER ITS ENTIRE FREQUENCY RANGE. ROTARY CONTROL				4	
E060109	CURSOR RANGE COUNTER	1 2	1 COUNTER, INDICATES CURSOR RANGE IN INCREMENTS OF 100 FEET. WINDOW DISPLAY				2	1
E060110	TEST SWITCH-IND-REC	1 2 3 4	23456 3 POS MOMENTARY TOGGLE SWITCH LAMP MODE USED TO VERIFY THAT THE FOLLOWING LAMPS ARE GOOD: SYS MAL, LOCK, PHOTO MAL. DISABLES LOCAL OSCILLATOR IF FUNCTION SWITCH IS IN TEST POSITION. OFF MODE (CENTER) IS NORMAL POSITION. CKT MODE DISPLAYS A VERTICAL LINE ACROSS RADAR SCOPE.				1	23456
E060111	RANGE MARK CONTROL	1 2 3	12 CONCENTRIC CONTROL, USED TO VARY SLANT RANGE MARK BRIGHTNESS FROM ZERO TO FULL BRIGHTNESS CONCENTRIC (WITH BEZEL) ROTARY CONTROL				3	
E060112	BEZEL CONTROL	1 2	1 CONCENTRIC CONTROL, VARIES BEZEL LIGHTING FROM ZERO TO FULL BRIGHTNESS. CONCENTRIC (WITH RANGE MK) ROTARY CONTROL				2	
E060113	RANGE SWITCH-FLR	1 2 3 4	123 ROTARY SWITCH, SELECTS ONE OF SIX OPERATING RANGES: 2.5, 5, 10, 30, 80, 200 IN ALL MODES EXCEPT GND VEL, AND 7.5-2.5, 12-5, 30-10, 90-30, 100-80, 200- 200 IN GND VEL. ROTARY SWITCH-SELECTOR (7 POSITIONS)				4	123
E060114	CRT INT CONTROL	1 2 3 4	1 ROTARY CONTROL VARIES RADAR SCOPE SWEEP LINE INTENSITY FROM ZERO TO FULL BRIGHTNESS, ADJUSTS CAMERA APERTURE TO MAINTAIN A CONSTANT EXPOSURE LEVEL ON THE FILM. ROTARY CONTROL				4	
E060115	AMPL-OFF CONTROL	1 2 3 4	1234 ROTARY CONTROL, ALLOWS QUALIZATION OF DISPLAY INTENSITY. OFF POSITION PERMITS REMOVAL OF STC FUNCTION IN THE EVENT THAT A MALFUNCTION OCCURS IN THE STC CIRCUITRY. INOPERATIVE IN AIR AND BEACON MODES. ROTARY CONTROL (CONCENTRIC WITH SLOPE)				5	234
E060116	SLOPE CONTROL	1 2 3 4	123 ROTARY CONTROL IS USED TO CHANGE THE EFFECTIVE RANGE OF AMPL-OFF CONTROL. INOPERATIVE IN AIR AND BEACON MODES ROTARY CONTROL (CONCENTRIC WITH AMPL-OFF)				4	
E060117	AZIMUTH INT CONTROL	1 2 3	12 ROTARY CONTROL, VARIES AZIMUTH CURSOR BRIGHTNESS FROM ZERO TO FULL BRIGHTNESS ROTARY CONTROL				3	
E060118	NORTH-NORMAL SELECT	1 2 3 4	1234 2 POS TOGGLE SWITCH NORTH MODE SELECTS NORTH-ORIENTED DISPLAY IN GND VEL AND GND AUTO MODE. NORM MODE HAS TOP OF CRT COINCIDENT WITH AIRCRAFT GROUND TRACK IN GND VEL AND GND AUTO MODES.				1	234

PAGE 55 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E060119	RANGE INT CONTROL	1 12	ROTARY CONTROL, VARIES RANGE CURSOR BRIGHTNESS FROM ZERO TO FULL BRIGHTNESS.				3	
E060120	ANTENNA TILT INDICATOR	3	ROTARY CONTROL				3	12
E060121	VIDEO CONTROL-FLR	1 12	A METER, INDICATES ANTENNA TILT POSITION IN DEGREES. ALSO INDICATES SELECTED MTR PARAMETERS WHEN IN TEST POSITION. CIRCULAR METER				3	
E060122	IF GAIN-FLR	1 12	ROTARY CONTROL, VARIES AMPLITUDE OF VIDEO SIGNAL APPLIED TO RADAR SCOPE				2	
E060123	SWEEP CONTROL	2	ROTARY CONTROL (CONCENTRIC WITH IF GAIN)				12	
E060124	BETA CONTROL	1 12	ROTARY CONTROL, PERMITS ADJUSTMENT OF RECEIVER GAIN IN THE GROUND AND BEACON MODES ONLY				1	234
		1 1234	2 POS TOGGLE SWITCH FOR GROUND MODE SELECTION					
		2	SLANT MODE PROVIDES SLANT RANGE					
		3	NORM MODE PROVIDES GROUND RANGE IN GROUND MODES, AND SLANT RANGE IN AIR MODE					
		4	2345				1	2345
E060125	PHOTO MAGAZINE DATA PLATE	1	2 POS TOGGLE SWITCH.					
E06012501	LOW PRESSURE WARNING LAMP	3	MAN MODE SELECTS MANUAL CONTROL OF DEPRESSION ANGLE GND AUTO OR GND VEL MODE. NORM MODE SELECTS AUTOMATIC CONTROL OF DEPRESSION ANGLE GND AUTO OR GND VEL MODE.					
		1	CONCEALS CONTROLS E6-1.25.1 - 1.6-1.25.5 BENEATH A HINGED COVER.				1	
		2	LOW PRESSURE WARNING LAMP LIGHTS TO INDICATE LOW AIR PRESSURE IN THE MTR WAVELENGTH.				4	12
		3	TRANSMIT CONDITIONS CAN BE RESTORED BY MOMENTARILY PRESSING THE LAMP.					
		4	WARNING LAMP-MOMENTARY SWITCH					
		5	BENEATH HINGED COVER					
E06012502	CENTER ADJUST-HORIZONTAL	1	ROTARY CONTROL, ADJUSTS HORIZONTAL CENTERING OF SWEEP.				1	
E06012503	CENTER ADJUST-VERTICAL	2	BENEATH HINGED COVER					
E06012504	COARSE INTENSITY CONTROL	1	ROTARY CONTROL, ADJUSTS VERTICAL CENTERING OF SWEEP				1	
E06012505	FOCUS CONTROL	2	BENEATH HINGED COVER				1	
E060126	CRT DISPLAY SURFACE	1	ROTARY CONTROL, COARSE ADJUSTMENT OF SWEEP INTENSITY.					
E060127	PHOTO MAGAZINE	2	BENEATH HINGED COVER				1	
E0602	FLR CONTROL PANEL	1	ROTARY CONTROL, ADJUSTS SHARPNESS OF RANGE MARKS.					
		1	BENEATH HINGED COVER				1	
		1	CATHODE RAY TUBE DISPLAY SURFACE					
		1	NO INFORMATION GIVEN				1	
		1	A UNIT, PROVIDES THE MEANS FOR CONTROL OF THE FLR.				2	
		2	UNIT					

PAGE 56
CODE
EC6020X02

NAME
MIDDLE MARKER LIGHT

*CORR-ACTION

1
2
3
4
5
6
7

67

*FUNCTION *LOCATION *NAME *SYN *TYPE *VALUES
123 5
SIGNAL IS RECEIVED FROM MIDDLE MARKER BEACON, LOCATED APPROX 3500
FEET FROM RUNWAY. LIGHT WILL EXTINGUISH AFTER PASSING THROUGH
RECEPTION ZONE FOR MIDDLE MARKER BEACON
ADVISORY LEGEND LIGHT-GREEN
LOCATED ON CEN PANEL (UPLF) AND CUP PANEL (UPRT)
N/A-DECISION HT FOR CATEGORY I ILS SYSTEM IS NORMALLY REACHED
AT OR NEAR MIDDLE MARKER 1 2345

EC60201 MODE SWITCH-RAдар SET

1
2
3
4
5

67

4 POS ROTARY SWITCH
GND MAN MODE SELECTS GROUND MANUAL MODE OF OPERATION
GND AUTO MODE SELECTS GROUND AUTOMATIC MODE OF OPERATION
GND VEL MODE SELECTS GROUND VELOCITY MODE OF OPERATION
AIR MODE SELECTS AIR MODE OF OPERATION 4
123 5
SIGNAL IS RECEIVED FROM MIDDLE MARKER BEACON, LOCATED APPROX 3500
FEET FROM RUNWAY. LIGHT WILL EXTINGUISH AFTER PASSING THROUGH
RECEPTION ZONE FOR MIDDLE MARKER BEACON
ADVISORY LEGEND LIGHT-GREEN
LOCATED ON CEN PANEL (UPLF) AND CUP PANEL (UPRT)
N/A-DECISION HT FOR CATEGORY I ILS SYSTEM IS NORMALLY REACHED
AT OR NEAR MIDDLE MARKER 1 23456789

MIDDLE MARKER LIGHT-PILDT

1
2
3
4
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ROTARY SWITCH, WITH 3 VALUES AND A POTENTIOMETER.
IN AFC-1, RECEIVER OPERATES IN AUTOMATIC FREQUENCY CONTROL MODE. IF
BEACON MODE SWITCH IS NOT SELECTED, TRANSMITTER OPERATES IN FREQUENCY
AGILITY MODE.
IN AFC-2 MODE, OPERATES SAME AS AFC-1 MODE. IF BEACON MODE SWITCH IS
NOT SELECTED, TRANSMITTER OPERATES AT A MID-BAND FIXED FREQUENCY.
IN AFC MODE, TRANSMITTER OPERATES AT A MID-BAND FIXED FREQUENCY.
EXCEPT WHEN BEACON MODE IS SELECTED. RECEIVER IS MANUALLY TUNABLE BY
ADJUSTING CONTROL OVER MANUAL FREQUENCY CONTROL 4
123 5
SIGNAL IS RECEIVED FROM MIDDLE MARKER BEACON, LOCATED APPROX 3500
FEET FROM RUNWAY. LIGHT WILL EXTINGUISH AFTER PASSING THROUGH
RECEPTION ZONE FOR MIDDLE MARKER BEACON
ADVISORY LEGEND LIGHT-GREEN
LOCATED ON CEN PANEL (UPLF) AND CUP PANEL (UPRT)
N/A-DECISION HT FOR CATEGORY I ILS SYSTEM IS NORMALLY REACHED
AT OR NEAR MIDDLE MARKER 1 23456789

AFC-MFC CONTROL

1
2
3
4
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ROTARY SWITCH, WITH 3 VALUES AND A POTENTIOMETER.
IN AFC-1, RECEIVER OPERATES IN AUTOMATIC FREQUENCY CONTROL MODE. IF
BEACON MODE SWITCH IS NOT SELECTED, TRANSMITTER OPERATES IN FREQUENCY
AGILITY MODE.
IN AFC-2 MODE, OPERATES SAME AS AFC-1 MODE. IF BEACON MODE SWITCH IS
NOT SELECTED, TRANSMITTER OPERATES AT A MID-BAND FIXED FREQUENCY.
IN AFC MODE, TRANSMITTER OPERATES AT A MID-BAND FIXED FREQUENCY.
EXCEPT WHEN BEACON MODE IS SELECTED. RECEIVER IS MANUALLY TUNABLE BY
ADJUSTING CONTROL OVER MANUAL FREQUENCY CONTROL 4
123 5
SIGNAL IS RECEIVED FROM MIDDLE MARKER BEACON, LOCATED APPROX 3500
FEET FROM RUNWAY. LIGHT WILL EXTINGUISH AFTER PASSING THROUGH
RECEPTION ZONE FOR MIDDLE MARKER BEACON
ADVISORY LEGEND LIGHT-GREEN
LOCATED ON CEN PANEL (UPLF) AND CUP PANEL (UPRT)
N/A-DECISION HT FOR CATEGORY I ILS SYSTEM IS NORMALLY REACHED
AT OR NEAR MIDDLE MARKER 1 23456789

MIDDLE MARKER LIGHT-COP ILCT

1
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3
4
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SIGNAL IS RECEIVED FROM MIDDLE MARKER BEACON, LOCATED APPROX 3500
FEET FROM RUNWAY. LIGHT WILL EXTINGUISH AFTER PASSING THROUGH
RECEPTION ZONE FOR MIDDLE MARKER BEACON
ADVISORY LEGEND LIGHT-GREEN
LOCATED ON CEN PANEL (UPLF) AND CUP PANEL (UPRT)
N/A-DECISION HT FOR CATEGORY I ILS SYSTEM IS NORMALLY REACHED
AT OR NEAR MIDDLE MARKER 1 23456789

MODE SWITCH-RAдар SET-2

1
2
3
4
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67

5 POS ROTARY SWITCH
OFF MODE DEENERGIZES SYSTEM
STBY MODE ENERGIZES ALL SYSTEM FILAMENTS AND PROTECTIVE TIME DELAYS.
IN THIS POSITION, ANTENNA IS IN AZIMUTH LIMIT, ZERO PITCH, MAXIMUM UP
IN TILT.
ON MODE ENERGIZES SYSTEM (NOT TRANSMITTER).
XMIT MODE OPERATES SYSTEM.
IN TEST MODE, OPERATOR CAN CHECK RECEIVER AND TRANSMITTER OPERATION,
AND OTHER FUNCTIONS VITAL TO PROPER RADAR OPERATION

PAGE 57 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC60204	FTC-BCN SWITCH	1 2 3 4 5	2345 3 POS TUG SWITCH FTC MODE MINIMIZES THE EFFECTS FROM JAMMING SOURCES AND MAY BE SELECTED IN ANY MODE EXCEPT BCN. IN OFF MODE, FTC AND BCN CIRCUITRY INOPERATIVE BCN MODE SELECTS BEACON MODE OF OPERATION 234				1	2345
EC60205	SIDE LOBE CANCELLATION CONTROL	1 2 3 4	2 POS TOGGLE SWITCH IN SLC MODE, USED TO REDUCE INTERFERENCE WHEN IN A HEA Y JAMMING ENVIRONMENT OR, IN AIR MODE, TO REDUCE GROUND CLUTTER. IN OFF POSITION, SLC CIRCUITRY IS INOPERATIVE. 12				1	234
EC60206	ANT CAGE	1 2 3 4 5 6 7 8 9	123456789 PUSH-TO-ACTIVATE,--RELEASE SWITCH - SELECTED MODE SHOWN BY LIGHTED SWITCH. CAGE MODE MAINTAINS BOTH ROLL AND PITCH ATTITUDES IN ALIGNMENT WITH AIRFRAME COORDINATE SYSTEM. SWITCH IS LIT WHEN ANTENNA IS CAGED IN BOTH PITCH AND ROLL. IN UNCAGED MODE, ROLL AND PITCH ATTITUDES ARE AUTOMATICALLY STABILIZED WITH RESPECT TO EARTH GRAVITY FIELD IF HV GOOD SIGNAL IS PRESENT. IF HV GOOD IS NOT PRESENT, PITCH ATTITUDE IS CAGED AND ROLL ATTITUDE IS STABILIZED; CAGE LAMP DOES NOT LIGHT. 23456				1	123456789
EC60207	CIR-NORM (POLARIZATION) SWITCH	1 2 3 4 5 6	2 POS TOGGLE SWITCH CIR MODE GIVES A CIRCULAR POLARIZED BEAM IN ALL MODES BUT BEACON, TO REDUCE EFFECTS OF RAINDROP CLUTTER. NORM MODE GIVES A VERTICALLY-POLARIZED BEAM IN THE AIR MODE, EXCEPT WHEN BEACON MODE IS SELECTED SIMULTANEOUSLY OR A HORIZONTALLY POLARIZED BEAM IS THE GROUND MODES OR BEACON MODE. 1				1	23456
EC60208	PRESENT POSITION CORRECTION SW	1	PUSHBUTTON SWITCH,USED FOR CORRECTING PRESENT POSITION 5				5	
EC603	ANTENNA INDICATOR CONTROL	1 2 3 4 5	1234 USED TO POSITION FLR CURSORS AND STEER EVS SENSORS. WHEN THE TRACKING HANDLE IS ENABLED, MOVEMENT (DISPLACEMENT) OF THE HANDLE RESULTS IN POTENTIOMETER VOLTAGE OUTPUTS TO EITHER ACU OR FLR DIRECTLY. UNIT 2345				1	
EC60301	RANGE CONTROL	1 2 3 4 5	A PRESS-TO-ACTIVATE SWITCH WHEN FLR IS IN AIR MODE, ACTIVATING THIS SWITCH ENABLES THE OPERATOR TO BREAK RADAR RANGE LOCK AND OVERRIDE THE AUTOMATIC RANGE TRACKING BY SLEWING THE RANGE GATE WITH THE TRACKING HANDLE IF IN NARROW SCAN. IN WIDE SCAN, IT PERMITS RANGE STROBE SLEWING. 12 12345				1	
EC60302	SECTOR SWITCH	1 2 3 4 5	A SWITCH CAUSES FLR ANTENNA SECTOR WIDTH TO BE REDUCED TO PLUS, MINUS 10 DEGREES ABOUT THE AZIMUTH CURSOR. IN THE AIR MODE, INITIATES LOCK ON AND AUTOMATIC RANGE TRACK, AND CHANGES TRACKING HANDLE FOR AFT MOTION FROM CONTROL OF ANTENNA TILT TO CONTROL OF RANGE GATE 12				1	
EC60303	ENABLE SWITCH	1 2	12 SQUEEZE-TO-ACTIVATE SWITCH THAT ENABLES ALL TRACKING HANDLE FUNCTIONS EXCEPT SECTOR SWITCH.				1	

PAGE 58 CODE	NAME	*CRR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
E0701	INTEGRATED KEYBOARD	1	12345				6	
		2	FACILITATES MANUAL ENTRY AND RETRIEVAL OF DATE TO AND FROM ACU. LOGIC					
		3	TREE OPTIONS DISPLAYED ON A CRT TOGETHER WITH APPROPRIATE SWITCHES ON					
		4	THE IKB, PERMITTING THE OPERATOR TO PERFORM REQUIRED TASKS, WITHOUT					
		5	THE NECESSITY FOR REFERENCE TO TECHNICAL ORDERS OR OTHER SUPPORTING					
		6	DOCUMENTATION.					
E070101	OPTION SELECT SWITCHES	1	234567				14	4
		2	NINE LIGHTED PUSHBUTTON SWITCHES					
		3	LIGHTED PUSHBUTTON SWITCHES, PROVIDE OPERATOR SELECTION OF DESIRED					
		4	OPTION(S) FROM THE 'MENU' BEING DISPLAYED ON IKB'S CRT READOUT ASSEMBLY					
		5	SWITCHES ARE NUMBERED 1-9 TO CORRESPOND TO SAME LINES OF THE CRT					
		6	FORMAT. ARROWS ALSO PROVIDED ON SWITCHES TO ASSIST OPERATOR IN LINING					
		7	UP OPTION SWITCH WITH CORRESPONDING LINE ON CRT READOUT ASSEMBLY'S					
E070102	ADVANCE SWITCH	1	1234				5	5
		2	LIGHTED PUSHBUTTON SWITCH USED TO ADVANCE THE SOFTWARE TO A PREDEFINED					
		3	LOGIC LEVEL.					
		4	THE ADV SWITCH IS ENABLED WHENEVER A NUMERIC PARAMETER IS SPECIFIED.					
		5	SWITCH IS ALSO USED TO SELECT SPECIFIC PAGED DISPLAYS.					
E070103	REV SWITCH	1	12				3	
		2	PUSHBUTTON SWITCH, PROVIDES MEANS TO SELECT PRECEDING LOGIC TREE STEP,					
		3	ONE STEP AT A TIME, EACH TIME SWITCH IS DEPRESSED.					
E070104	ALPHA-NUMERIC CONTROL	1	23456789				125	456789
		2	PUSHBUTTON SWITCH					
		3	12 LIGHTED PUSHBUTTON SWITCHES					
		4	LIGHTED PUSHBUTTON SWITCHES, PROVIDE MEANS BY WHICH DATA CAN BE					
		5	MODIFIED AND, OR INSERTED.					
		6	+ OR - ARE THE FIRST CHARACTERS ASSIGNED FOR 'SIGNED' PARAMETERS.					
		7	UNTIL EITHER SIGN IS ENTERED FOR SUCH A PARAMETER, ALL SWITCHES IN THE					
		8	GROUP ARE INACTIVE, EXCEPT +, -, AS, BS.					
		9	FOR PARAMETERS REQUIRING ALPHA DESIGNATIONS, ALL SWITCHES IN THIS					
			GROUP ARE INACTIVE EXCEPT N, E, W, S, AS, BS UNTIL ALPHA CHARACTER HAS BEEN					
			ASSIGNED.					
E070105	FUNCTION SWITCH	1	2345				1	12345
		2	LIGHTED PUSHBUTTON SWITCHES, LIGHT WHEN SELECTED.					
		3	SELECTION OF FCN SWITCH ACCESSES ONE OF FOUR MAJOR CATEGORIES FOR					
		4	DISPLAY ON IKB CRT READOUT ASSEMBLY. ALSO RESULTS IN SUBFUNCTIONS OF					
		5	ITS LOGIC TREE BEING PRESENTED AS OPTIONS ON IKB CRT READOUT ASSEMBLY.					
		6	THE LOGIC TREE (ORGANIZATION) OF THE FUNCTIONS, SUBFUNCTIONS, AND					
E070106	INSTRUCTION SWITCH	1	234567				1	234567
		2	PUSHBUTTON SWITCHES (4)					
		3	DISPLAY FORMATS ASSOCIATED WITH LOGIC TREES ARE NORMALLY DISPLAYED ON					
		4	IKB CRT READOUT ASSEMBLY. THESE FORMATS CAN BE DISPLAYED ON SMD-L, -R,					
		5	OR MFD BY FIRST SELECTING THE DESIRED LOCATION AND THEN SELECTING THE					
		6	APPROPRIATE FCN SWITCH.					
		7	SMD-L, -R, MFD ARE INACTIVE WHEN A FCN SWITCH HAS BEEN ACTIVATED,					
			EXCEPT WHEN A DISPLAY BACKUP OPTION HAS BEEN SELECTED.					

PAGE 59 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC70107	MEMORY SWITCHES (LOAD-ERASE)	1 2 3 4 5 6 7	34567 PUSHBUTTON SWITCHES, GUARDED BY A SPRING-LOADED CLEAR PLASTIC HINGED COVER TO PRECLUDE INADVERTENT ACTUATION. LOAD SWITCH INSTRUCTS IKB TO SET TAPE CASSETTE IN MOTION AND START FEEDING DATA TO SELECTED MEMORY UNIT. SWITCH LIGHTS WHEN SELECTED. EXTINGUISHES WHEN LOADING IS COMPLETED. ERASE SWITCH IS PROVIDED TO COMPLETE A 'TWO STEP' ERASE FUNCTION OF ALL SECURE DATA.				12	J4567
EC7010701	MEMORY CONTROL LOAD PUSHBUTTON							
EC70108	ACU DATA TRANSFER CONTROL	1 2 3 4 5	1234 ROTARY CONTROL PROVIDES THE MEANS BY WHICH THE OPERATOR CAN INITIATE MEMORY DATA TRANSFER. ONLY 6 OF 6 POSITIONS ARE USED. WHEN MISC TAPE MODE IS SELECTED, MISSION DATA RESIDING ON THE TAPE CASSETTE IN DEU WILL BE READ INTO ACU UPON DEPRESSING LOAD SWITCH. ROTARY SELECTOR SWITCH				5	34
EC702	IKB CRT READOUT	1 2 3 4	123 A UNIT PROVIDED AT OSO'S STATION FOR PURPOSE OF DISPLAYING ALPHA NUMERIC INFORMATION. FORMATS ASSOCIATED WITH SMS ARE AVAILABLE FOR SYSTEM OPERATION. CRT READOUT, UNIT				4	
EC70201	DISPLAY TUBE SURFACE	1 2 3 4	123 NINE LINES OF DATA WITH 28 CHARACTERISTICS CAN BE PRESENTED WITHIN THE 729 LINE RASTER DISPLAY PRESENTATION. CHARACTERS ARE WHITE AND ARE PRESENTED ON A BLACK BACKGROUND. DISPLAY SURFACE				4	
EC70202	BRIGHTNESS CONTROL-IK3	1 2 3	12 ROTARY CONTROL, PROVIDES MEANS TO VARY THE WHITE CHARACTERS FROM BLACK (ZERO) TO FULL BRIGHTNESS. ROTARY CONTROL				3	
EC70203	RESET SWITCH	1 2 3	12 PUSHBUTTON SWITCH, PROVIDES MEANS TO 'RESET' READOUT ASSEMBLY FOLLOWING AUTOMATIC TURNOFF OF ELECTRICAL POWER. PUSHBUTTON SWITCH				3	
EC70413 E08	UNKNOWN-1 AUXILIARY PANEL	1 2 3	12 A UNIT PROVIDING AVIDONICS SYSTEM ELECTRICAL POWER CONTROLS, RBS, INS STATUS FUNCTIONS. UNIT				3	
EC801	RADAR BOMB SCORING CONTROL	1 2 3	12345 UHF-1, OFF, UHF-2 MODE IS A 3 PDS TUGGLE SWITCH TONE MODE IS A PUSHBUTTON SWITCH, ALWAYS CHANGES RBS TONE STATE, AND ACTIVATES RBS TONE IF MAN DELIVERY MODE IS SELECTED, MAN REL SWITCH DEACTIVATES TONE. RBS TONE TRANSMITTED BY EITHER UHF-1 OR -2.				12345	
EC80101	RBS TONE SWITCH	1 2	1 PUSHBUTTON SWITCH CHANGES RPS TONE STATE				1	
EC80102	RES UHF-1, UHF-2, OFF SWITCH	1 2	1 3 POSITION TOGGLE SWITCH TRANSMITS RBS TONE				1	

PAGE 60 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
EC80201	GN-DSBL SWITCH	1 2 3 4	234 2 POSITION TOGGLE SWITCH COMMANDS RIGHT EMUX TURN ON FOR GENERAL NAVIGATION ACU IF ONE OF ACU SWITCHES IS ON, OTHER OFF, ONLY SELECTED ACU WILL TURN OFF				1	
EC80202	WD-DSBL SWITCH	1 2 3 4	234 2 POSITION TOGGLE SWITCH COMMANDS LEFT EMUX, TURN ON FOR WEAPONS DELIVERY ACU IF ONE OF ACU SWITCHES IS OFF, OTHER ON, ONLY SELECTED ACU WILL TURN OFF				1	
EC80301	DUPPLER CONTROL	1 2 3	23 2 POS LEVER LOCKED TOGGLE SWITCH STBY MODE GROUNDS STANDBY LINE.				1	23
EC804	NAVIGATION ANNUNCIATORS	1 2 3 4 5 6 7 8	126 1234567 ANNUNCIATORS INDICATE WARM UP, COARSE, FINE ALIGNMENT STATES FOR BOTH INS 1 AND INS 2. NAVIGATION CONTROL MUX I-O CONTROLLER SUPPLIES GROUNDS TO AUXILIARY PANEL FOR DURATION OF EACH ALIGNMENT PHASE SO APPROPRIATE LAMP IS LIT WHEN PHASE STARTS, EXTINGUISHES WHEN PHASE IS COMPLETED. INS 1-DSBL SWITCH ENABLES ACU TO TURN ON INS 1, AND INS 2-DSBL SWITCH ENABLES ACU TO TURN ON INS 2. LEGEND LIGHTS				126	34567
EC8040X02 EC8040X03 EC80401	NAV ANNUNCIATORS-COARSE NAV ANNUNCIATORS-FINE NAVIGATION ANNUNCIATORS-INS1	1 2	1 2				2	1 2
EC8040101 EC8040102 EC8040103 EC80402	NAV ANNUNCIATOR-WM UP-INS1 NAV ANNUNCIATOR-COARSE-INS1 NAV ANNUNCIATOR-FINE-INS1 NAVIGATION ANNUNCIATORS-INS2	1 2	1 2				2	
EC8040202 EC80403	NAV ANNUNCIATOR-COARSE-INS2 INS1 DSBL SWITCH	1 2	1 2				2	
EC80404	INS 2 DSBL SWITCH	1 2	1 2				2	
EC8050X	STATION LOGIC UNIT SWITCHES	1 2 3 4	234 2 POSITION TOGGLE SWITCHES-LEVER-LOCKED SWITCHES PROVIDE POWER COMMANDS TO ACU, WHICH PROVIDES POWER CONTROL VIA EMUX TO SLU. SLU TURN ON OCCURS IMMEDIATELY FOLLOWING SELECTION OF ENABLE POSITION.				1	234
EC80501	FWD-DSBL SLU SWITCH	1 2 3 4	234 2 POSITION TOGGLE SWITCHES-LEVER-LOCKED SWITCHES PROVIDE POWER COMMANDS TO ACU, WHICH PROVIDES POWER CONTROL VIA EMUX TO SLU. SLU TURN ON OCCURS IMMEDIATELY FOLLOWING SELECTION OF ENABLE POSITION.				1	234

PAGE 61
CODE

EC00502

NAME

INTML-DSBL SLU SWITCH

EC00503

AFT-DSBL SLU SWITCH

EC00504

LPYL-DSBL SLU SWITCH

EC00505

RPYL-DSBL SLU SWITCH

FO1010X

VERTICAL SITUATION DISPLAY

FO1010X01

PITCH TRIM CONTROL

FO1010X0201

ATTITUDE INDICATOR

FO1010X0202

VSD INDICATOR

FO1010X0203

DATA INDICATOR

FO1010X0204

NARROW FOV INDICATOR

*CURR-ACTION

*FUNCTION *LOCATION *NAME

*SYN

*TYPE

*VALUES

234

1

2

3

4

234

1

2

3

4

234

1

2

3

4

234

1

2

3

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PAGE 62 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1010X03	DISPLAY SWITCH	1 2 3 4	1 NORM POSITION PROVIDES FULL DISPLAY CAPABILITY 2 DCLTR POSITION ENABLES REMOVAL OF PITCH SCALE AND 100 SYMBOLS FROM DU 3 SCREEN WHEN MODE SWITCH=ADI 4 POS ROTARY SWITCH	123			4	123
FC1010X04	ATTITUDE SWITCH	1 2 3 4 5	1 TO SELECT SOURCE OF ATTITUDE DATA TO BE USED BY VSD 2 WHEN VALUE=INRML, DATA SOURCE IS FDC SYNCHRO INPUTS 3 WHEN VALUE=INRTL 1, DATA SOURCE IS AMVX DATA FROM IMV 1 4 WHEN VALUE=INRTL 2, DATA SOURCE IS AMVX DATA FROM IMV 2 5 POS ROTARY SWITCH	1 234			5	234
FC1010X05	SYMBOL BRIGHTNESS CONTROL	1 2 3 4	1 SMALLER INNER KNOB ON STACKED ROTARY CONTROL, ATTD IS OUTER 2 CONTROLS INTENSITY OF ALL SYMBOLLOGY SIMULTANEOUSLY 3 VALUES REFER TO INTENSITY LIMITS 4 ROTARY CONTROL	1 2 3 4			14	3
FC1010X06	SENSOR CONTRAST CONTROL	1 2 3	1 PART OF DUAL CONCENTRIC POT (OUTER) 2 CONTROLS SENSOR DISPLAY CONTRAST (VIDEO GAIN) 3 POTENTIOMETER	1 2 3			13	
FC1010X07	SENSOR BRIGHTNESS CONTROL	1 2 3	1 PART OF DUAL CONCENTRIC POT (INNER) 2 CONTROLS SENSOR DISPLAY BRIGHTNESS 3 POTENTIOMETER	1 2 3			13	
FC1010X08	TURN AND SLIP INDICATOR	1 2	1 BALL DISPLACEMENT INDICATES YAW OR SLIP RELATIVE TO A-V HORIZONTAL AXIS 2 TURN NEEDLE INDICATES DIRECTION AND RATE OF CHANGE OF HEADING	12 6			12	145
FC1010X09	MODE SWITCH-VSD	1 2 3 4 5 6	4 UNUSED POSITIONS 1 TO SELECT INFORMATION (SYMBOLGY) TO BE PRESENTED ON DU SCREEN 2 TO POSITION IN OFF SWITCH PULLED OUT AND ROTATED COUNTERCLOCKWISE 3 ADI-PRIMARY OPERATING MODE 4 BU MODE PRESENTS SAME DISPLAY AS OTHER DU 5 POS ROTARY SWITCH	1 2 3 4 5 6			2	
FC1010X10	CRT TUBE DISPLAYS	1 2	1 DISPLAYS FOR PILOT AND COPILOT, CONSISTS OF FI-1-XIC-1 - FI-1-XIC-22 2 CRT DISPLAY	1 2			4	23
FC1010X1003	PITCH SCALE	1 2 3 4	1 VISIBLE IN ILS OR NAV MODE 2 INDICES APPEAR AT 5-DEGREE INTERVALS 3 NUMERICS APPEAR AT 10-DEGREE INTERVALS 4 THIS IS A SCALE	1 2 3 4			4	
FC1010X1005	ROLL POINTER	1 2 3 4 5	1 ORTHOGONAL TO HORIZON LINE 2 POINTS TO ROLL SCALE INDICATING BANK ANGLE 3 VISIBLE IN NAV, ILS, OR TV-IR MODE 4 VALUES INDICATE FIXED INDICES ON ROLL SCALE 5 Y-SHAPED SYMBOL, POINTER	1 2 3 4 5			5	4
FC1010X1006	FLIGHT PATH ANGLE SYMBOL	1 2 3 4	1 VISIBLE IN NAV, ILS, OR TV-IR MODE 2 REPRESENTS A-V FLIGHT PATH WITH RESPECT TO HORIZON 3 PAIR OF COLINEAR LINES WHICH ROLL AND PITCH 4 THIS IS A SYMBOL	1 2 3 4			34	

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1010X1007	1 2 3 4 5	14 125 25	1 2 3 4 5	VISIBLE IN NAV, ILS OR TV-IR MODE SHORT LINE APPEARING TO LEFT OF FLIGHT PATH ANGLE REFERENCED TO FLIGHT PATH ANGLE INDICATES FLIGHT PATH ANGLE RATE OF CHANGE THIS IS A SYMBOL			
FC1010X1008	1 2 3 4 5 6	15 5	1 2 3 4 5 6	SCALE UPON WHICH AIR VEHICLE HEADING IS MARKED 45 DEGREES OF COMPASS SHOWN ON DU SCREEN SHORT INDICES APPEAR AT 5-DEGREE INTERVALS LONG INDICES AND HEADING NUMERICS APPEAR AT 10-DEGREE INTERVALS POINTER LOCATED UNDER CENTER DIGIT OF HEADING DISPLAY THIS IS A SCALE		6	234
FC1010X1009 FC1010X1010	1 2 3	1 2 3	1 2 3	1 READOUT OF CALIBRATED AIRSPEED IN KNOTS LOCATED AT TOP LEFT-HAND CORNER OF DU SCREEN THIS IS 3-DIGIT READOUT		3	1
FC1010X1011	1 2 3 4 5	4 2 2	1 2 3 4 5	4 DIGIT MAXIMUM LOCATED AT TOP RIGHT HAND CORNER OF DU SCREEN ALTITUDE READ TO NEAREST 10 FT WHEN GT 10000 NEAREST 2 FT (FOR LT 100) DISPLAY BLANKED WHEN ALTITUDE GT 5000 FT DIGITAL READOUT		15	4
FC1010X1012	1 2 3 4 5 6 7	25 1	1 2 3 4 5 6 7	APPEAR IN LOWER RT-HAND CORNER OF DU SCREEN INDICATES STEERING MODE MODES=OFF, MAN HDG, TRK LEG, CRS SEL, FLY DIR, BOMB, TACAN, ILS, IKR, RDR, AILA, ILS, RC, RGA STEERING MODE SELECTION CAN BE MADE BY PILOT OR COPILOT BOMB LEGEND BLINKS AT 3 HZ FOR 5 SEC THIS IS A LEGEND INDICATOR		7	346
FC1010X1013	1 2 3 4 5	34 125	1 2 3 4 5	RECTANGULAR BOX WHICH TRANSLATES HORIZONTALLY AND VERTICALLY ON CENTER OF DU SCREEN BOX REPRESENTS 5 DEG LOCALIZER BEAM AND 2.5 DEG GLIDE SLOPE BEAM VISIBLE IN ILS MODE THIS IS A SYMBOL		125	
FC1010X1014	1 2 3 4 5 6	2345 16	1 2 3 4 5 6	APPEARS AS OPEN CROSS PROVIDES 'FLY TO' STEERING COMMAND TO PILOT AND COPILOT PROPER STEERING IS WHEN STEERING COMMAND SYMBOL IS CENTERED OVER SHORT CENTER BAR OF FIXED AIRCRAFT SYMBOL DISPLAYED WHEN CALLED FOR BY FLIGHT DIRECTOR STEERING MODE OR RGA SIGNAL THIS IS A SYMBOL		16	
FC1010X1015	1 2 3 4 5	234 125	1 2 3 4 5	APPEARS AS BRACKET AT LEFT END OF FIXED AIRCRAFT SYMBOL TRANSLATES VERTICALLY AND PROVIDES A 'FLY-TO' INDICATION OF ADA ERROR WHEN REF POSITION (SMALL CNTRL GAP) IS MAINTAINED OVER THE LEFT EDGE OF THE FIXED AIRCRAFT SYMBOL, NO ADA IS PRESENT THIS IS A SYMBOL		125	

ANGLE-OF-ATTACK ERROR SYMBOL

PAGE 64 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F01010X1016	NAVIGATION SPEED ERROR SYMBOL	1 2 3 4 5 6 7	356	12			4567	
			EXTENDS VERTICALLY EITHER ABOVE OR BELOW LEFT 90-DEG INDEX OF ROLL SCALE					
			INDICATES NAV SPEED ERROR-PROVIDE SPEED CORRECTION INFO					
			DOUBLE LINE SCALED AT 20 KNOTS-INCH					
			LINE ABOVE 90-DEG MARK ARE SOLID AND INDICATE REDUCE SPEED					
			LINE BELOW 90-DEG MARK ARE DASHED AND INDICATE INCREASED SPEED					
			THIS IS A SYMBOL					
F01010X1017	COMMAND HEADING SYMBOL	1 2 3 4 5 6	2345				10	
			PAIR OF SHORT DOUBLE WIDTH VERTICAL BARS					
			MOVE HORIZONTALLY WITH HEADING SCALE					
			INDICATE COMMANDED HEADING					
			WHEN COMMANDED HEADING EXCEEDS RANGE OF HEADING SCALE COMD HEADING SYMBOL WILL REMAIN IN VIEW AT END OF HEADING SCALE NEAREST TO HEADING					
			THIS IS A SYMBOL					
F01010X1018	TIME TO GO-RANGE DISPLAY	1 2 3 4 5 6 7	567				1	234
			DIGITAL READOUT					
			TIME TO GO VALUES = 0-99 SEC					
			RANGE VALUES = 0-6999 MILES					
			RADAR RANGE VALUES = 0-69.9 MILES					
			IN TRK LEG, CRS SEL, FLY DIR, SUBMODES RANGE APPEARS IN LOWER LEFT					
			HAND CORNER OF DU SCREEN. IN TRK ROV, RADAR RANGE APPEARS					
			IN BOMB RUN SUBMODE OF FDC NAV MODE, TIME-TC-GO APPEARS					
F01010X1020	EVS AZIMUTH ANGLE SYMBOL	1 2 3 4 5 6	234				16	5
			SMALL SQUARE APPEARS NEAR ROLL SCALE AT BOTTOM OF DU SCREEN					
			APPEARS WHEN DU MODE SWITCH IS SET TO TV OR IR POSITION					
			MOVES HORIZONTALLY LEFT AND RIGHT FROM ZERO AZIMUTH REF INDICE,					
			INDICATES AZIMUTH ANGLE					
			ONE INCH REPRESENTS 30-DEG					
			THIS IS A SYMBOL					
F01010X1021	EVS ELEVATION ANGLE SYMBOL	1 2 3 4 5 6	234				16	5
			SMALL SQUARE APPEARS NEAR ROLL SCALE 90-DEG INDEX AT RIGHT EDGE OF DU					
			APPEARS WHEN DU MODE SWITCH IS SET TO TV OR IR POSITION					
			MOVES VERTICALLY FROM ZERO-ELEVATION REFERENCE INDICE, INDICATING					
			ELEVATION ANGLE					
			ONE INCH REPRESENTS 25 DEGREES					
			THIS IS A SYMBOL					
F01010X1022	VELOCITY VECTOR SYMBOL	1 2 3 4 5 6	234567				16	
			SQUARE WHICH TRANSLATES WITH RESPECT TO AIRCRAFT SYMBOL					
			VERTICAL MOTION DRIVEN BY FLIGHT PATH ANGLE DATA					
			HORIZONTAL MOTION DRIVEN BY DRIFT ANGLE DATA					
			USED OPTIONALLY IN LIEU OF FLIGHT PATH ANGLE AND FLIGHT PATH ANGLE					
			RATE SYMBOLS					
			REMAINS WITHIN + OR -3 IN HORIZ ANL + OR -1.75 IN VERT ABOUT CENTER OF					
			DU SCREEN					
			THIS IS A SYMBOL					
F01010101	VSD-PILOT	1 2 3	12				3	
			DISPLAYS ATTITUDE, STEERING AND SIMILAR AIR VEHICLE CONTROL PARAMETERS					
			DISPLAYS AVIONICS LLLTV AND FLIR					
			THIS IS A UNIT					
F01010101	PITCH TRIM CONTROL-PILOT	1 2 3	12				3	
			ADJUST HORIZON LINE. CLOCKWISE ROTATION CAUSES UPWARD VERTICAL MVMT.					
			COUNTERCLOCKWISE ROTATION CAUSES DOWNWARD VERTICAL MVMT.					
			ROTARY CONTROL					

PAGE 65
CODE

NAME	*COAR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1010102		1 2 3		123 STRAIGHT HORIZONTAL LINE ACROSS DU SCREEN. LINE ROTATES AND TRANSLATES UP AND DOWN RELATIVE TO FIXED AIRCRAFT SYMBOL TO DEPICT A-V PITCH AND ROLL.			123
FC101010201	2	1 2 3 4		1 ILLUMINATES WHEN PITCH OR ROLL ANGLE DATA NOT RECEIVED BY VSD CORRECTIVE ACTION IS TO SET ATTD SEL SWITCH ON DU TO RESET ATTD INDS LEGEND DISPLAYED, COLOR CODED AVIATION YELLOW WHEN VALUE="ATTD" CAUTION INDICATOR		4	13
FC101010202	34	1 2 3 4 5 6		12 ILLUMINATES TO INDICATE DETECTION OF FAILURE IN POWER SUPPLIES INTERFACE SYMBOL GEN SWEEP, DETECTION OR VIDEO CIRCUITS CORRECTIVE ACTION IS TO CYCLE DU MODE SW TO STBY, API, BU IF FAILURE CONDITION PERSISTS, MODE SW TURNED OFF LEGEND VSD DISPLAYED IN AVIATION YELLOW WHEN VALUE="VSD" CAUTION INDICATOR		6	125
FC101010203	3	1 2 3 4 5		12 ILLUMINATES (STEADY) UPON ONE DATA FAILURE BLINKS UPON ADDITIONAL OR MULTIPLE DATA FAILURES PRESSING OF EITHER MASTER CAUTION SWITCHLIGHT WILL STOP BLINKING LEGEND DISPLAYED AVIATION YELLOW WHEN VALUE="DATA" CAUTION INDICATOR		5	124
FC101010204	5	1 2 3 4 5		12 ILLUMINATES WHEN EVS, TV, OR IR IS IN NARROW MODE FOV CONTROLLED BY PB SWITCH ON FLIGHT CONTROL STICKS (PLP) LEGEND DISPLAYED AVIATION GREEN WHEN VALUE="NAR FOV" LEGEND INDICATOR-ADVISORY		34	13
FC1010103		1 2 3 4 5		N-A 123 NORM POSITION PROVIDES FULL DISPLAY CAPABILITY DECLTR POSITION ENABLES REMOVAL OF PITCH SCALE AND TBU SYMBOLS FROM DU SCREEN WHEN MODE SWITCH=AD1		4	123
FC1010104		1 2 3 4 5		2 POS ROTARY SWITCH 1 TO SELECT SOURCE OF ATTITUDE DATA TO BE USED BY VSD WHEN VALUE=NORM, DATA SOURCE IS FDC SYNCHRO INPUTS WHEN VALUE=INRTL 1, DATA SOURCE IS AMVX DATA FROM IMV 1 WHEN VALUE=INRTL 2, DATA SOURCE IS AMVX DATA FROM IMV 2 3 POS ROTARY SWITCH		5	234
FC1010105		1 2 3 4		1 SMALLER INNER KNOB ON STACKED ROTARY CONTROL, ATTD IS OUTER CONTROLS INTENSITY OF ALL SYMBOLS SIMULTANEOUSLY VALUES REFER TO INTENSITY LIMITS ROTARY CONTROL		14	3
FC1010106		1 2 3		2 PART OF DUAL CONCENTRIC POT (OUTER) CONTROLS SENSOR DISPLAY CONTRAST (VIDEO GAIN) POTENTIOMETER		13	
FC1010107		1 2 3		2 PART OF DUAL CONCENTRIC POT (INNER) CONTROLS SENSOR DISPLAY BRIGHTNESS POTENTIOMETER		13	
FC1010108		1 2		12 BALL DISPLACEMENT INDICATES YAW OR SLIP RELATIVE TO A-V HORIZONTAL AXIS TURN NEEDLE INDICATES DIRECTION AND RATE OF CHANGE OF HEADING		12	

FO1010109 MODE SELECT SWITCH-PILOT

FO1010110 CRT TUBE DISPLAY-PILOT

FO101011001 FIXED AIRCRAFT SYMBOL-PILOT

FO101011003 PITCH SCALE-PILOT

FO101011004 ROLL SCALE-PILOT

FO101011005 ROLL POINTER-PILOT

FO101011006 FLIGHT PATH ANGLE SYMBOL-PILOT

FO101011007 FLIGHT PATH ANGLE RATE-PILOT

FO101011008 HEADING SCALE-PILOT

FO101011009 HEADING READOUT-PILOT
FO101011010 AIRSPEED DISPLAY-PILOT

*CGRR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	23					
4	UNUSED POSITIONS					
2	TO SELECT INFORMATION(SYMBOLS) TO BE PRESENTED ON DU SCREEN					
3	TO POSITION IN OFF, SWITCH PULLED OUT AND ROTATED COUNTERCLOCKWISE				6	145
4	ADI-PRIMARY OPERATING MODE					
5	BU MODE PRESENTS SAME DISPLAY AS OTHER DU					
6	11 POSITION ROTARY SWITCH					
1	1				2	
2	CONSISTS OF F1-1.1.10.1-F1-1.1.1.1.22					
2	UNIT					
1	12345				12345	
1	DISPLAYED BY HORIZONTAL LINES REPRESENTING WINGS, WITH SHORT VERTICAL					
2	LINES (PROJECTING DOWNWARD) AT RIGHT ANGLES TO INSIDE ENDS OF THE					
3	HORIZONTAL LINES. IN ADDITION, A SHORT BAR IS INCLUDED MIDWAY BETWEEN					
4	THE HORIZONTAL LINES TO FACILITATE STEERING ACCURACY. THE SYMBOL IS TWO					
5	LINES WIDE SO AS TO BE VISIBLE WHEN CENTERED OVER HORIZON LINE.					
1	123				123	
1	CONSISTS OF EVENLY-SPACED INDICES ALONG IMAGINARY LINES ORTHOGONAL TO					
2	AND THROUGH CENTER OF HORIZON LINE. INDICES APPEAR AT 5-DEG INTERVALS.					
3	PITCH NUMERICS APPEAR AT 10-DEG INDICES.					
1	1234				1234	
1	CONSISTS OF FIXED INDICES WHICH ARE REFERENCED TO THE BOTTOM CENTER					
2	OF THE DU SCREEN (0-DEG POINT) AND RADIATE TOWARD CENTER OF SCREEN.					
3	30-DEG AND 60-DEG INDICES ARE TWO LINES IN WIDTH; 0-DEG AND 90-DEG					
4	INDICES ARE THREE LINES IN WIDTH.					
1	13				5	
1	ORTHOGONAL TO HORIZON LINE					
2	POINTS TO ROLL SCALE INDICATING BANK ANGLE					
3	VISIBLE IN NAV, ILS, OR TV-IR MODE					
4	VALUES INDICATE FIXED INDICES ON ROLL SCALE					
5	Y-SHAPED SYMBOL, POINTER					
1	12				34	
1	VISIBLE IN NAV, ILS, OR TV-IR MODE					
2	REPRESENTS A-V FLIGHT PATH WITH RESPECT TO HORIZON					
3	PAIR OF COLLINEAR LINES WHICH ROLL AND PITCH					
4	THIS IS A SYMBOL					
1	14				25	
1	VISIBLE IN NAV, ILS OR TV-IR MODE					
2	SHORT LINE APPEARING TO LEFT OF FLIGHT PATH ANGLE					
3	REFERENCED TO FLIGHT PATH ANGLE					
4	INDICATES FLIGHT PATH ANGLE RATE OF CHANGE					
5	THIS IS A SYMBOL					
1	15				6	
1	SCALE UPON WHICH AIR VEHICLE HEADING IS MARKED					
2	45 DEGREES OF COMPASS SHOWN ON DU SCREEN					
3	SHORT INDICES APPEAR AT 5-DEGREE INTERVALS					
4	LONG INDICES AND HEADING NUMERICS APPEAR AT 10-DEGREE INTERVALS					
5	POINTER LOCATED UNDER CENTER DIGIT OF HEADING DISPLAY					
6	THIS IS A SCALE					
1	1				5	
1	REALOUT OF CALIBRATED AIRSPEED IN KNOTS					
2	LOCATED AT TOP LEFT-HAND CORNER OF DU SCREEN					
3	THIS IS 3-DIGIT READOUT					
						1

PAGE 67 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FG1G1G11011	RADAR ALTITUDE DISPLAY-PILOT	1 2 3 4 5	3 4 5	2 1 2			15	4
FG1G1G11012	STEERING MODE LEGEND-PILOT	1 2 3 4 5 6 7	25 1 2 3 4 5 6 7	1 2 3 4 5 6 7			7	346
FG1G1G11013	ILS SYMBOL-PILOT	1 2 3 4 5	34 1 2 3 4	125 1 2 3 4			125	
FG1G1G11014	STEERING COMMAND SYMBOL-PILOT	1 2 3 4 5	2345 1 2 3 4	16 1 2 3 4			16	
FG1G1G11015	ADA ERROR SYMBOL-PILOT	1 2 3 4 5 6	125 1 2 3 4 5 6	125 1 2 3 4 5 6			125	
FG1G1G11016	NAV SPEED ERROR SYMBOL-PILOT	1 2 3 4 5 6 7	356 1 2 3 4 5 6 7	4567 1 2 3 4 5 6 7			4567	
FG1G1G11017	COMMAND HEADING SYMBOL-PILOT	1 2 3 4 5 6	2345 1 2 3 4 5 6	16 1 2 3 4 5 6			16	

FC10101018 TIME TO GO-RANGE DISPLAY-PILOT

*FUNCTION *LOCATION *NAME *SYN *TYPE *VALUES
567 1 1 234

1 DIGITAL READOUT
2 TIME TO GO VALUES = 0-99 SEC
3 RANGE VALUES = 0-999 MILES
4 RADAR RANGE VALUES = 0-99.9 MILES
5 IN TRK LEG, CAS SEL, FLY DIR, SUBMODES RANGE APPEARS IN LOWER LEFT
6 HAND CORNER OF DU SCREEN. IN TRK RDV, RADAR RANGE APPEARS
7 IN BOMB RUN SUBMODE OF FDC NAV MODE, TIME-TO-GO APPEARS

FC10101019 SKY TEXTURE-PILOT

12345 12345
1 APPEARS ABOVE HORIZON LINE, DISTINGUISHED BY A BRIGHTNESS LEVEL LOWER
2 THAN THE SYMBOLOGY, BRIGHTER THAN AREA OF SCREEN BELOW HORIZON LINE.
3 EXTENDS FROM EDGE OF DU SCREEN TO HORIZON LINE. TO PREVENT LOSS OF
4 ORIENTATION DURING EXTREME PITCH-UP OR-DOWN MANEUVERS, SKY TEXTURE
5 WILL NOT DISAPPEAR FROM VIEW.

FC10101020 EVS AZIMUTH ANGLE SYMBOL-PILOT

234 16 5
1 SMALL SQUARE APPEARS NEAR ROLL SCALE AT BOTTOM OF DU SCREEN
2 APPEARS WHEN DU MODE SWITCH IS SET TO TV OR IR POSITION
3 MOVES HORIZONTALLY LEFT AND RIGHT FROM ZERO AZIMUTH REF INDIC, INDICATES AZIMUTH ANGLE
4 ONE INCH REPRESENTS 30-DEG
5 THIS IS A SYMBOL
6 234 1

FC10101021 EVS ELEVATION ANGLE SYMBOL-PILOT

1 16 5
1 SMALL SQUARE APPEARS NEAR ROLL SCALE 90-DEG INDEX AT RIGHT EDGE OF DU
2 APPEARS WHEN DU MODE SWITCH IS SET TO TV OR IR POSITION
3 MOVES VERTICALLY FROM ZERO-ELEVATION REFERENCE INDIC, INDICATING
4 ELEVATION ANGLE
5 ONE INCH REPRESENTS 25 DEGREES
6 THIS IS A SYMBOL
7 234 16 5

FC10101022 VELOCITY VECTOR SYMBOL-PILOT

16 16
1 SQUARE WHICH TRANSLATES WITH RESPECT TO AIRCRAFT SYMBOL
2 VERTICAL MOTION DRIVEN BY FLIGHT PATH ANGLE DATA
3 HORIZONTAL MOTION DRIVEN BY DRIFT ANGLE DATA
4 USED OPTIONALLY IN LIEU OF FLIGHT PATH ANGLE AND FLIGHT PATH ANGLE
5 RATE SYMBOLS
6 REMAINS WITHIN + OR -3 IN HORIZ AND + OR -1.75 IN VERT ABOUT CENTER OF
7 DU SCREEN
8 THIS IS A SYMBOL

FC10102 VSD-COPILOT

12 3
1 DISPLAYS ATTITUDE, STEERING AND SIMILAR AIR VEHICLE CONTROL PARAMETERS
2 DISPLAYS AVIONICS LLLTV AND FLIR
3 THIS IS A UNIT

FC1010201 PITCH TRIM CONTROL-COPILOT

12 3
1 ADJUST HORIZON LINE. CLOCKWISE ROTATION CAUSES UPWARD VERTICAL MVMT.
2 COUNTERCLOCKWISE ROTATION CAUSES DOWNWARD VERTICAL MVMT.
3 ROTARY CONTROL

FC1010202 ATTITUDE INDICATOR-COPILOT

1 4 13
1 ILLUMINATES WHEN PITCH OR ROLL ANGLE DATA NOT RECEIVED BY VSD
2 CORRECTIVE ACTION IS TO SET ATTND SEL SWITCH ON DU TO RESET ATTND INDS
3 LEGEND DISPLAYED, COLOR CODED AVIATION YELLOW WHEN VALUE="ATTND"
4 CAUTION INDICATOR

PAGE 69
CODE

NAME	*CORR-AC:ION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC101020202	34	1 2 3 4 5 6	VSD INDICATOR-COPILOT	ILLUMINATES TO INDICATE DETECTION OF FAILURE IN POWER SUPPLIES INTERFACE,SYMBOL GEN,SWEEP,DETECTION OR VIDEO CIRCUITS CORRECTIVE ACTION IS TO CYCLE DU MODE SW TO STBY,API,60 IF FAILURE CONDITION PERSISTS,MODE SW TURNED OFF LEGEND VSD DISPLAYED IN AVIATION YELLOW WHEN VALUE=VSD CAUTION INDICATOR	6	125	
FC101020203	3	1 2 3 4 5	DATA INDICATOR-COPILOT	ILLUMINATES(STEADY)UPON ONE DATA FAILURE BLINKS UPON ADDITIONAL OR MULTIPLE DATA FAILURES PRESSING OF EITHER MASTER CAUTION SWITCHLIGHT WILL STOP BLINKING LEGEND DISPLAYED AVIATION YELLOW WHEN VALUE=DATA CAUTION INDICATOR	5	124	
FC101020204	5	1 2 3 4 5	NARROW FOV INDICATOR-COPILOT	ILLUMINATES WHEN EVS,TV,OR IR IS IN NARROW MODE FOV CONTROLLED BY PB SWITCH ON FLIGHT CONTROL STICKS(PCP) LEGEND DISPLAYED AVIATION GREEN WHEN VALUE=NAR FOV LEGEND INDICATOR-ADVISORY N-A	34	13	
FC101020203		1 2 3 4	DISPLAY SWITCH-COPILOT	NGRM POSITION PROVIDES FULL DISPLAY CAPABILITY DCLTR POSITION ENABLES REMOVAL OF PITCH SCALE AND TEL SYMBOLS FROM DU SCREEN WHEN MODE SWITCH=ADI	4	123	
FC101020204		1 2 3 4 5	ATTITUDE SWITCH-COPILOT	2 POS ROTARY SWITCH 1 TO SELECT SOURCE OF ATTITUDE DATA TO BE USED BY VSD WHEN VALUE=NORM,DATA SOURCE IS FDC SYNCRO INPUTS WHEN VALUE=INRTL 1,DATA SOURCE IS AMVX DATA FROM IMV 1 WHEN VALUE=INRTL 2,DATA SOURCE IS AMVX DATA FROM IMV 2 3 POS ROTARY SWITCH	5	234	
FC101020205		1 2 3 4	SYMBOL BRIGHTNESS CONT-COPILOT	SMALLER INNER KNOB ON STACKED ROTARY CONTROL,ATTN IS OUTER CONTROLS INTENSITY OF ALL SYMBOLS SIMULTANEOUSLY VALUES REFER TO INTENSITY LIMITS ROTARY CONTROL	2	14	3
FC101020206		1 2 3	SENSOR CONTRAST CONT-COPILOT	PART OF DUAL CONCENTRIC POT (OUTER) CONTROLS SENSOR DISPLAY CONTRAST (VIDEO GAIN) POTENTIOMETER	13		
FC101020207		1 2 3	SENSOR BRT CONTROL-COPILOT	PART OF DUAL CONCENTRIC POT (INNER) CONTROLS SENSOR DISPLAY BRIGHTNESS POTENTIOMETER	13		
FC101020208		1 2 3	TURN-SLIP INDICATOR-COPILOT	BALL DISPLACEMENT INDICATES YAW OR SLIP RELATIVE TO A-V HORIZONTAL AXS TURN NEEDLE INDICATES DIRECTION AND RATE OF CHANGE OF HEADING	12		145
FC101020209		1 2 3 4 5 6	MODE SELECT SWITCH-COPILOT	4 UNUSED POSITIONS TO SELECT INFORMATION(SYMBOLS) TO BE PRESENTED ON DU SCREEN TO POSITION IN OFF,SWITCH PULLED LUT AND ROTATED COUNTERCLOCKWISE ADI-PRIMARY OPERATING MODE DU MODE PRESENTS SAME DISPLAY AS OTHER DU 11 POSITION ROTARY SWITCH	5		

PAGE TO CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1010210	CRT TUBE DISPLAY-COPILOT	1	1	12345	CONSISTS OF F1-1.2.10.1 - F1-1.2.10.22		12345	
FC101021001	FIXED AIRCRAFT SYMBOL-COPILOT	1 2 3 4 5	1 2 3 4 5		DISPLAYED BY HORIZONTAL LINES REPRESENTING WINGS WITH SHORT VERTICAL LINES (PROJECTING DOWNWARD) AT RIGHT ANGLES TO INSIDE EDGES OF THE HORIZONTAL LINES. IN ADDITION, A SHORT BAR IS INCLUDED MIDWAY BETWEEN THE HORIZONTAL LINES TO FACILITATE STEERING ACCURACY. THE SYMBOL IS TWO LINES WIDE SO AS TO BE VISIBLE WHEN CENTERED OVER HORIZON LINE			
FC101021002	HORIZON LINE-COPILOT	1 2 3	1 2 3		123 STRAIGHT HORIZONTAL LINE ACROSS DU SCREEN. LINE ROTATES AND TRANSLATES UP AND DOWN RELATIVE TO FIXED AIRCRAFT SYMBOL TO DEPICT A-V PITCH AND ROLL.			
FC101021003	PITCH SCALE-COPILOT	1 2 3	1 2 3		123 CONSISTS OF EVENLY-SPACED INDICES ALONG IMAGINARY LINES ORTHOGONAL TO AND THROUGH CENTER OF HORIZON LINE. INDICES APPEAR AT 5-DEG INTERVALS. PITCH NUMERICS APPEAR AT 10-DEG INDICES.			
FC101021004	ROLL SCALE-COP	1 2 3 4	1 2 3 4		1234 CONSISTS OF FIXED INDICES WHICH ARE REFERENCED TO THE BOTTOM CENTER OF THE DU SCREEN (0-DEG POINT) AND RADIIATE TOWARD CENTER OF SCREEN. 30-DEG AND 60-DEG INDICES ARE TWO LINES IN WIDTH; 0-DEG AND 90-DEG INDICES ARE THREE LINES IN WIDTH.			
FC101021005	ROLL POINTER-COP VSD	1 2 3 4 5	1 2 3 4 5		13 ORTHOGONAL TO HORIZON LINE POINTS TO ROLL SCALE INDICATING BANK ANGLE VISIBLE IN NAV, ILS, OR TV-IR MODE VALUES INDICATE FIXED INDICES ON ROLL SCALE Y-SHAPED SYMBOL, POINTER			
FC101021006	FLIGHT PATH ANGLE SYMBOL-COP	1 2 3 4	1 2 3 4		1 12 VISIBLE IN NAV, ILS, OR TV-IR MODE REPRESENTS A-V FLIGHT PATH WITH RESPECT TO HORIZON PAIR OF COLINEAR LINES WHICH ROLL AND PITCH THIS IS A SYMBOL			
FC101021007	FLIGHT PATH ANGLE RATE-COPILOT	1 2 3 4 5	1 2 3 4 5		14 123 VISIBLE IN NAV, ILS, OR TV-IR MODE SHORT LINE APPEARING TO LEFT OF FLIGHT PATH ANGLE REFERENCED TO FLIGHT PATH ANGLE INDICATES FLIGHT PATH ANGLE RATE OF CHANGE THIS IS A SYMBOL			
FC101021008	HEADING SCALE-COPILOT	1 2 3 4 5 6	1 2 3 4 5 6		5 15 SCALE UPON WHICH AIR VEHICLE HEADING IS MARKED 45 DEGREES OF COMPASS SHOWN ON DU SCREEN SHORT INDICES APPEAR AT 5-DEGREE INTERVALS LONG INDICES AND HEADING NUMERICS APPEAR AT 10-DEGREE INTERVALS POINTER LOCATED UNDER CENTER DIGIT OF HEADING DISPLAY THIS IS A SCALE			234
FC101021009	HEADING READOUT-COPILOT	1	1		2 1 READOUT OF CALIBRATED AIRSPEED IN KNOTS			
FC101021010	AIRSPEED DISPLAY-COPILOT	1 2 3	1 2 3		2 1 LOCATED AT TOP LEFT-HAND CORNER OF DU SCREEN THIS IS 3-DIGIT READOUT			

PAGE 71
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1G1021011 RADAR ALTITUDE DISPLAY-COPILOT		3	2			15	4
FC1G1021012 STEERING MODE LEGEND-COPILOT	1 4 DIGIT MAXIMUM 2 LOCATED AT TOP RIGHT HAND CORNER OF DU SCREEN 3 ALTITUDE READ TO NEAREST 10 FT (WHEN GT 100) OR NEAREST 2 FT (FOR LT 100) 4 DISPLAY BLANKED WHEN ALTITUDE GT 5000 FT 5 DIGITAL READOUT 25 1 APPEAR IN LOWER RT-HAND CORNER OF DU SCREEN 2 INDICATES STEERING MODE 3 MODES=OFF, MAN HDG, TRK LEG, CRS SEL, FLY DIR, BOMB, TACAN, ILS, TRK, RDR, AILA, 4 ILS, BC, RGA 5 STEERING MODE SELECTION CAN BE MADE BY PILOT OR COPILOT 6 HOME LEGEND BLINKS AT 3 HZ FOR 5 SEC 7 THIS IS A LEGEND INDICATOR 34 1 RECTANGULAR BOX WHICH TRANSLATES HORIZONTALLY AND VERTICALLY ON CENTER 2 OF DU SCREEN 3 BOX REPRESENTS 5 DEG LOCALIZER BEAM AND 2.5 DEG GLIDE SLOPE BEAM 4 VISIBLE IN ILS MODE 5 THIS IS A SYMBOL 2345 1 APPEARS AS OPEN CROSS 2 PROVIDES 'FLY TO' STEERING COMMAND TO PILOT AND COPILOT 3 PROPER STEERING IS WHEN STEERING COMMAND SYMBOL IS CENTERED OVER SHORT 4 CENTER BAR OF FIXED AIRCRAFT SYMBOL 5 DISPLAYED WHEN CALLED FOR BY FLIGHT DIRECTOR STEERING MODE OR RGA SGNL 6 THIS IS A SYMBOL 234 1 APPEARS AS BRACKET AT LEFT END OF FIXED AIRCRAFT SYMBOL 2 TRANSLATES VERTICALLY AND PROVIDES A 'FLY-TO' INDICATION OF AGA-ERROR 3 WHEN REF POS(SMALL CNTRL GAP) IS MAINTAINED OVER THE LEFT EDGE OF THE 4 FIXED AIRCRAFT SYMBOL, NO AGA IS PRESENT 5 THIS IS A SYMBOL 356 1 EXTENDS VERTICALLY EITHER ABOVE OR BELOW LEFT 90-DEG INDICE OF ROLL 2 SCALE 3 INDICATES NAV SPEED ERROR-PROVIDE SPEED CORRECTION INFO 4 DOUBLE LINE SCALED AT 20 KNOTS-INCH 5 LINE ABOVE 90-DEG MARK ARE SOLID AND INDICATE REDUCE SPEED 6 LINE BELOW 90-DEG MARK ARE DASHED AND INDICATE INCREASED SPEED 7 THIS IS A SYMBOL 2345		7	346			
FC1G1021013 ILS SYMBOL-COPILOT						125	
FC1G1021014 STEERING COMMAND SYMBOL-CUP						10	
FC1G1021015 AGA ERROR SYMBOL-COPILOT						125	
FC1G1021016 NAV SPEED ERROR SYMBOL-CUP						4567	
FC1G1021017 COMMAND HEADING SYMBOL-COPILOT						10	
	1 PAIR OF SHORT DOUBLE WIDTH VERTICAL BARS 2 MOVE HORIZONTALLY WITH HEADING SCALE 3 INDICATE COMMANDED HEADING 4 WHEN COMMANDED HEADING EXCEEDS RANGE OF HEADING SCALE COMD HEADING 5 SYMBOL WILL REMAIN IN VIEW AT END OF HEADING SCALE NEAREST TO HEADING 6 THIS IS A SYMBOL						

PAGE 72 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC101021018	TIME TO GO-RANGE DISPLAY-COP	1 2 3 4 5 6 7	567 DIGITAL READOUT TIME TO GO VALUES = 0-59 SEC RANGE VALUES = 0-6999 MILES RADAR RANGE VALUES = 0-69.9 MILES IN TRK LEG, CRS SEL, FLY DIR, SUBMODES RANGE APPEARS IN LOWER LEFT HARD CORNER OF DU SCREEN. IN TRK MOV, RADAR RANGE APPEARS IN BGMB RUN SUBMODE OF FDC NAV MODE, TIME-TO-GO APPEARS				1	234
FC101021019	SKY TEXTURE-COPILOT	1 2 3 4 5	12345 APPEARS ABOVE HORIZON LINE, DISTINGUISHED BY A BRIGHTNESS LEVEL LOWER THAN THE SYMBOLOGY, BRIGHTER THAN AREA OF SCREEN BELOW HORIZON LINE. EXTENDS FROM EDGE OF DU SCREEN TO HORIZON LINE TO PREVENT LOSS OF ORIENTATION DURING EXTREME PITCH-UP OR -DOWN MANEUVERS, SKY TEXTURE WILL NOT DISAPPEAR FROM VIEW.				16 5	12345
FC101021020	EVS AZIMUTH ANGLE SYMBOL-COP	1 2 3 4 5 6	234 SMALL SQUARE APPEARS NEAR ROLL SCALE AT BOTTOM OF DU SCREEN APPEARS WHEN DU MODE SWITCH IS SET TO TV OR IR POSITION MOVES HORIZONTALLY LEFT AND RIGHT FROM ZERO AZIMUTH REF INDIC. INDICATES AZIMUTH ANGLE ONE INCH REPRESENTS 30-DEG THIS IS A SYMBOL				16 5	
FC101021021	EVS ELEVATION ANGLE SYMBOL-COP	1 2 3 4 5 6	1 SMALL SQUARE APPEARS NEAR ROLL SCALE 90-DEG INDEX AT RIGHT EDGE OF DU APPEARS WHEN DU MODE SWITCH IS SET TO TV OR IR POSITION MOVES VERTICALLY FROM ZERO-ELEVATION REFERENCE INDIC, INDICATING ELEVATION ANGLE ONE INCH REPRESENTS 25 DEGREES THIS IS A SYMBOL				16 5	
FC101021022	VELOCITY VECTOR SYMBOL-COP	1 2 3 4 5 6	18 234567 SQUARE WHICH TRANSLATES WITH RESPECT TO AIRCRAFT SYMBOL VERTICAL MOTION DRIVEN BY FLIGHT PATH ANGLE DATA HORIZONTAL MOTION DRIVEN BY DRIFT ANGLE DATA USED OPTIONALLY IN LIEU OF FLIGHT PATH ANGLE AND FLIGHT PATH ANGLE RATE SYMBOLS REMAINS WITHIN + OR -3 IN HORIZ AND + OR -1.75 IN VERT ABOUT CENTER OF DU SCREEN THIS IS A SYMBOL				16 4	
FC1020X	HORIZONTAL SITUATION INDICATOR	1 2 3 4	1 LOCATED DIRECTLY BELOW VSD-DU DISPLAYS: AZIMUTH, HEADING, TACAN BEARING, ADF BEARING, COMMAND HEADING, COMMAND COURSE, COURSE DEVIATION, TACAN RANGE, TACAN TU-FROM RANGE UNIT				4	
FC1020X01	DIGITAL DISTANCE READOUT	1 2 3 4	1 LOCATED IN UPPER LEFT-HAND CORNER OF PSI Labeled MILES READOUT OF DISTANCE TO TACAN STATIONS THIS IS A DIGITAL READOUT				24	
FC1020X02	NAVIGATION BEARING POINTER	1 2 3 4	123 INDICATES RELATIVE BEARING OF NEXT CHECKPOINT INDEX AT AFT END OF ARROWHEAD IS REFERENCE POINT FOR READING NAVIGATION BEARING FROM COMPASS CARD SCALE WHITE ARROWHEAD WITH BLACK "N" AND BLACK INDEX MARK, POINTER				4	

PAGE 73 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1020X03	COMPASS CARD SCALE	1 2 3	1 HEADING IS READ ON CARD UNDER LUBBER LINE DOUGHNUT-SHAPED CARD WITH SCALE MARKING EVERY 2 DEG THIS IS A COMPASS				23	
FC1020X04	COURSE POINTER	245 1 2 3 4 5	245 AIRPLANE-SHAPED POINTER SET MANUALLY OR AUTOMATICALLY TO INDICATE COURSE CAN BE SET TO ANY VALUE ON COMPASS CARD SCALE WHEN SET, COURSE POINTER AND RECIPROCAL COURSE POINTER REMAIN IN PLACE IN RELATION TO COMPASS CARD SCALE				1	3
FC1020X05	UNMARKED BEARING POINTER	124 1 2 3 4	124 POINTS TO RELATIVE BEARING OF NAV RADIO AID IN USE (TACAN OR UHF/ADG) NORMALLY INDICATES TACAN DATA ARROWHEAD-SHAPED, WITH BLACK INDEX MARK - A POINTER BEARING FROM COMPASS CARD SCALE				3	
FC1020X06	HEADING MARKER	123 1 2 3 4 5	123 2 SMALL SQUARES SEPARATED BY A NARROW GAP - A MARKER GAP IS INDEX FOR READING BEARING BEING SET ON COMPASS CARD SCALE COLORED YELLOW SET MANUALLY WITH HEADING SET KNOB TO INDICATE HEADING ROTATES WITH COMPASS CARD SCALE AS A-V CHANGES HEADING				3	
FC1020X07	DIGITAL READOUT-HSI	1 2 3	1 LOCATED IN UPPER RIGHT-HAND CORNER OF HSI PRESENTS NUMERIC READOUT OF SAME COURSE INDICATED BY COURSE POINTER THIS HAS DIGITAL READOUT				3	
FC1020X08	COURSE DEVIATION BAR	1 2 3	1 INDICATES PLACEMENT OF A-V IN RELATION TO SELECTED COURSE LOCATED PERPENDICULAR TO IMAGE LINE THROUGH COURSE DEVIATION DOTS THIS IS A BAR				3	
FC1020X09	POWER OFF FLAG-HSI	1 2 3 4	1 APPEARS TO INDICATE INSUFFICIENT ELECTRICAL POWER TO HSI BLACK "OFF" LEGEND ON RED BACKGROUND - WARNING FLAG LOCATED ON RIGHT SIDE OF HSI, BELOW DIGITAL COURSE READOUT USE INFORMATION FROM OTHER HSI				2	
FC1020X10	FIXED MARKER	1 2 3 4	1 6 SHORT WHITE INDEX LINES PLUS UPPER AND LOWER LUBBER LINE SPACED 45 DEGREES APART PROVIDE REFERENCE POINTS ON HSI DIAL THIS IS A MARKER				124	
FC1020X11	ELAPSED TIME INDICATOR	23 1 2 3 4	23 LOCATED IN LOWER RIGHT-HAND CORNER OF HSI RECORDS RUNNING TIME OF HSI WHEN POWER IS APPLIED TO AZIMUTH AND BEARING SERVO THIS IS AN INDICATOR				4	
FC1020X12	COURSE SET KNOB	1 2 3 4	1 LOCATED IN LOWER RIGHT-HAND CORNER OF HSI USED TO MANUALLY SET COURSE POINTER AND RECIPROCAL COURSE POINTER LABELED "COURSE SET" THIS IS A KNOB				34	

PAGE 74 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1620X13	RECIPROCAL NAVIGATION BEARING	1 2 3 4 5	124 PROVIDES RECIPROCAL BEARING OF THAT INDICATED BY NAVIGATION BEARING POINTER TRAPEZOIDAL, WHITE, WITH BLACK 'N' AND BLACK INDEX MARK USED WITH COMPASS CARD SCALE THIS IS A POINTER				35	
FC1620X16	AIRCRAFT SYMBOL	1 2 3 4	12 ORIENTED TO NOSE OF A-V, ROTATES WITH COMPASS CARD SCALE AS A-V CHANGES HEADING LOCATED IN CENTER OF HSI THIS IS A SYMBOL				24	
FC1620X17	HEADING SET KNOB	1 2 3 4	1 MANUALLY SETS HEADING MARKER INCLUDES LEGEND "HEADING SET" LOCATED IN LOWER LEFT HAND CORNER OF HSI THIS IS A KNOB					
FC1620X18	COURSE DEVIATION DGTS	1 2 3 4 5	45 CONSISTS OF 4 DOTS ON AN IMAGINARY STRAIGHT LINE THROUGH CENTER OF AIRCRAFT SYMBOL, PERPENDICULAR TO COURSE DEVIATION BAR SCALING OF DOTS DIFFERS DEPENDING UPON MODE OF OPERATION POSITION OF COURSE DEVIATION BAR RELATIVE TO DOTS ASSIST IN DETERMINING DISPLACEMENT OF A-V TO LEFT OR RIGHT OF SELECTED COURSE				12 3	
FC1620X19	COURSE DEVIATION WARNING FLAG	5	23 RED WARNING FLAG INDICATES THAT INCOMING SIGNALS TO COURSE DEVIATION BAR ARE WEAK OR INVALID FLAG WINDOW LOCATED IN CENTRAL PORTION OF HSI DISREGARD INFORMATION ON FAILED HSI-USE INFORMATION FROM OTHER HSI				4	
FC1620X20	LUBBER LINE	1 2 3 4	12 LOCATED AT 12 O'CLOCK POSITION OF HSI DIAL LOWER LUBBER LINE LOCATED AT 6 O'CLOCK POSITION OF HSI DIAL INDICATES CURRENT HEADING OF A-V ON COMPASS CARD SCALE FIXED WHITE INDEX LINE INSCRIBED AT CIRCUMFERENCE OF HSI DIAL				1	
FC1620X21	TO-FROM ARROWS	1 2 3 4	234 TWO TRIANGULAR WINDOWS (ARROWS) INDICATE TO-FROM RELATIONSHIP OF A-V AND TACAN STATION WHEN WINDOW NEAREST COURSE POINTER SHOWS WHITE FLAG, COURSE SELECTED WILL TAKE A-V TO SELECTED FACILITY				1	
FC1620X22	RANGE WARNING FLAG	456	3 RED AND WHITE (DIAGONALLY-STRIPED) SHUTTER LOCATED IN DIGITAL DISTANCE READOUT WINDOW (OBSCURES DISTANCE READOUT) INDICATES LOSS OF TACAN SIGNAL OF INVALID SIGNAL DISREGARD INFO. ON FAILED HSI-USE INFORMATION FROM OTHER HSI. IF FLAG IS ON BOTH HSIS, CHECK RANGE AND TUNING OF TACAN STATION. COMPARE DATA FROM BOTH HSIS, USE ALTERNATE NAVIGATION				4	
FC16201	HSI-PILOT	1 2 3 4	23 LOCATED DIRECTLY BELOW VSD-DU DISPLAYS: AZIMUTH, HEADING, TACAN BEARING, ADF BEARING, COMMAND HEADING, COMMAND COURSE, COURSE DEVIATION, TACAN RANGE, TACAN TO-FROM RANGE UNIT					

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1020101	1 2 3 4	1 2 3 4	LOCATED IN UPPER LEFT-HAND CORNER OF HSI Labeled Miles READOUT OF DISTANCE TO TACAN STATIONS THIS IS A DIGITAL READOUT		24	
FC1020102	1 2 3 4	1 2 3 4	INDICATES RELATIVE BEARING OF NEXT CHECKPOINT INDEX AT AFT END OF ARROWHEAD IS REFERENCE POINT FOR READING NAVIGATION BEARING FROM COMPASS CARD SCALE WHITE ARROWHEAD WITH BLACK 'N' AND BLACK INDEX MARK, POINTER		4	
FC1020103	1 2 3	1 2 3	1 HEADING IS READ ON CARD UNDER LUBBER LINE 2 GOGHNUOT-SHAPED CARD WITH SCALE MARKING EVERY 2 DEG 3 THIS IS A COMPASS		23	
FC1020104	1 2 3 4 5	1 2 3 4 5	245 AIRPLANE-SHAPED POINTER SET MANUALLY OR AUTOMATICALLY TO INDICATE COURSE CAN BE SET TO ANY VALUE ON COMPASS CARD SCALE WHEN SET, COURSE POINTER AND RECIPROCAL COURSE POINTER REMAIN IN PLACE IN RELATION TO COMPASS CARD SCALE		1	3
FC1020105	1 2 3 4	1 2 3 4	124 POINTS TO RELATIVE BEARING OF NAV RADIO AID IN USE (TACAN OR UHF/ADC) NORMALLY INDICATES TACAN DATA ARROWHEAD-SHAPED, WITH BLACK INDEX MARK - A POINTER BEARING FROM COMPASS CARD SCALE		3	
FC1020106	1 2 3 4 5	1 2 3 4 5	245 2 SMALL SQUARES SEPARATED BY A NARROW GAP - A MARKER GAP IS INDEX FOR READING BEARING BEING SET ON COMPASS CARD SCALE COLORED YELLOW SET MANUALLY WITH HEADING SET KNOB TO INDICATE HEADING ROTATES WITH COMPASS CARD SCALE AS A-V CHANGES HEADING		123	
FC1020107	1 2 3	1 2 3	1 LOCATED IN UPPER RIGHT-HAND CORNER OF HSI PRESENTS NUMERIC READOUT OF SAME COURSE INDICATED BY COURSE POINTER THIS HAS DIGITAL READOUT		3	
FC1020108	1 2 3	1 2 3	1 INDICATES PLACEMENT OF A-V IN RELATION TO SELECTED COURSE LOCATED PERPENDICULAR TO IMAGE LINE THROUGH COURSE DEVIATION DOTS THIS IS A BAR		3	
FC1020109	1 2 3 4	1 2 3 4	1 APPEARS TO INDICATE INSUFFICIENT ELECTRICAL POWER TO HSI BLACK 'OFF' LEGEND ON RED BACKGROUND - WARNING FLAG LOCATED ON RIGHT SIDE OF HSI, BELOW DIGITAL COURSE READOUT USE INFORMATION FROM OTHER HSI		2	
FC1020110	1 2 3 4	1 2 3 4	3 SHORT WHITE INDEX LINES PLUS UPPER AND LOWER LUBBER LINE SPACED 45 DEGREES APART PROVIDE REFERENCE POINTS ON HSI DIAL THIS IS A MARKER		124	
FC1020111	1 2 3 4	1 2 3 4	23 LOCATED IN LOWER RIGHT-HAND CORNER OF HSI RECORDS RUNNING TIME OF HSI WHEN POWER IS APPLIED TO AZIMUTH A/V BEARING SERVO THIS IS AN INDICATOR		4	

PAGE 76 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1020112	COURSE SET KNOB-PILOT	1 2 3 4	1 2 3 4	LOCATED IN LOWER RIGHT-HAND CORNER OF HSI USED TO MANUALLY SET COURSE POINTER AND RECIPROCAL COURSE POINTER LABELED "COURSE SET" THIS IS A KNOB			34	
FC1020113	RECIPROCAL NAV BEAR POINTER-PIL	1 2 3 4 5	1 2 3 4 5	PROVIDES RECIPROCAL BEARING OF THAT INDICATED BY NAVIGATION BEARING POINTER TRAPEZOIDAL, WHITE, WITH BLACK "N" AND BLACK INDEX MARK USED WITH COMPASS CARD SCALE THIS IS A POINTER			35	
FC1020114	REC UNMARKED BEAR POINTER-PIL	1 2 3 4 5	1 2 3 4 5	PROVIDES THE RECIPROCAL BEARING OF THAT INDICATED BY THE UNMARKED BEARING POINTER. THE POINTER IS TRAPEZOIDAL, PAINTED WHITE, AND INCLUDES A BLACK INDEX MARK. THE INDEX MARK, NEAR THE INNER EDGE OF THE POINTER, IS THE REFERENCE POINT FOR READING RECIPROCAL BEARING FROM THE COMPASS CARD SCALE.				
FC1020115	REC COURSE POINTER-PILOT	1 2 3 4	1 2 3 4	PROVIDES THE RECIPROCAL COURSE OF THAT INDICATED BY THE COURSE POINTER WHICH IS PAINTED WHITE-LIKE THE COURSE POINTER, THE RECIPROCAL COURSE POINTER POINTS TO THE INSIDE EDGE OF THE INDICES ON THE COMPASS CARD SCALE.				
FC1020116	AIRCRAFT SYMBOL-PILOT	1 2 3 4	1 2 3 4	ORIENTED TO NOSE OF A-V, ROTATES WITH COMPASS CARD SCALE AS A-V CHANGES HEADING LOCATED IN CENTER OF HSI THIS IS A SYMBOL				
FC1020117	HEADING SET KNOB-PILOT	1 2 3 4	1 2 3 4	MANUALLY SETS HEADING MARKER INCLUDES LEGEND "HEADING SET" LOCATED IN LOWER LEFT HAND CORNER OF HSI THIS IS A KNOB			24	
FC1020118	COURSE DEVIATION DOTS-PILOT	1 2 3 4 5	1 2 3 4 5	CONSISTS OF 4 DOTS ON AN IMAGINARY STRAIGHT LINE THROUGH CENTER OF AIRCRAFT SYMBOL, PERPENDICULAR TO COURSE DEVIATION BAR SCALING OF DOTS DIFFERS DEPENDING UPON MODE OF OPERATION POSITION OF COURSE DEVIATION BAR RELATIVE TO DOTS ASSIST IN DETERMINING DISPLACEMENT OF A-V TO LEFT OR RIGHT OF SELECTED COURSE			14 3	
FC1020119	COURSE DEV MARK FLAG-PILOT	1 2 3 4 5	1 2 3 4 5	RED WARNING FLAG INDICATES THAT INCOMING SIGNALS TO COURSE DEVIATION BAR ARE WEAK OR INVALID FLAG WINDOW LOCATED IN CENTRAL PORTION OF HSI DISREGARD INFORMATION ON FAILED HSI-USE INFORMATION FROM OTHER HSI			4 1	
FC1020120	LUBBER LINE-PILOT	1 2 3 4	1 2 3 4	LOCATED AT 12 O'CLOCK POSITION OF HSI DIAL LOWER LUBBER LINE LOCATED AT 6 O'CLOCK POSITION OF HSI DIAL INDICATES CURRENT HEADING OF A-V ON COMPASS CARD SCALE FIXED WHITE INDEX LINE INSCRIBED AT CIRCUMFERENCE OF HSI DIAL			12 4	

PAGE 77
CODE

FCI CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1020121	TO-FROM ARROWS-PILLOT		234 1 TWO TRIANGULAR WINDOWS (ARROWS) 2 INDICATE TO-FROM RELATIONSHIP OF A-V AND TACAN STATION 3 WHEN WINDOW NEAREST COURSE POINTER SHOWS WHITE FLAG, COURSE SELECTED 4 WILL TAKE A-V TO SELECTED FACILITY				1	
FC1020122	RANGE WARNING FLAG-PILLOT	456	3 1 RED AND WHITE (DIAGONALLY-STRIPED) SHUTTER 2 LOCATED IN DIGITAL DISTANCE READOUT WINDOW (OBSCURES DISTANCE READOUT) 3 INDICATES LOSS OF TACAN SIGNAL OF INVALID SIGNAL 4 DISREGARD INFO. ON FAILED HSI-USE INFORMATION FROM OTHER HSI. IF FLAG 5 IS ON BOTH HSIS, CHECK RANGE AND TUNING OF TACAN STATION. COMPARE DATA 6 FROM BOTH HSIS, USE ALTERNATE NAVIGATION				1	
FC10202	HSI-COPILOT		23 1 LOCATED DIRECTLY BELOW VSD-DU 2 DISPLAYS: AZIMUTH, HEADING, TACAN BEARING, ADF BEARING, COMMAND HEADING, 3 COMMAND COURSE, COURSE DEVIATION, TACAN RANGE, TACAN TO-FROM RANGE 4 UNIT				4	
FC1020201	DIGITAL DISTANCE READOUT-COP		3 1 LOCATED IN UPPER LEFT-HAND CORNER OF HSI 2 LABELED MILES 3 READOUT OF DISTANCE TO TACAN STATIONS 4 THIS IS A DIGITAL READOUT				24	
FC1020202	NAV BEARING POINTER-COPILOT		123 1 INDICATES RELATIVE BEARING OF NEXT CHECKPOINT 2 INDEX AT AFT END OF ARROWHEAD IS REFERENCE POINT FOR READING 3 NAVIGATION BEARING FROM COMPASS CARD SCALE 4 WHITE ARROWHEAD WITH BLACK 'N' AND BLACK INDEX MARK, POINTER				4	
FC1020203	COMPASS CARD SCALE-COPILOT		1 1 HEADING IS READ ON CARD UNDER LUBBER LINE 2 DOUGHNUT-SHAPED CARD WITH SCALE MARKING EVERY 2 DEG 3 THIS IS A COMPASS				23	
FC1020204	COURSE POINTER-COPILOT		245 1 AIRPLANE-SHAPED POINTER 2 SET MANUALLY OR AUTOMATICALLY TO INDICATE COURSE 3 CAN BE SET TO ANY VALUE ON COMPASS CARD SCALE 4 WHEN SET, COURSE POINTER AND RECIPROCAL COURSE POINTER REMAIN IN PLACE 5 IN RELATION TO COMPASS CARD SCALE				1	3
FC1020205	UNMARKED BEARING POINTER-COP		124 1 POINTS TO RELATIVE BEARING OF NAV RADIO AID IN USE (TACAN OR UHF/ADC) 2 NORMALLY INDICATES TACAN DATA 3 ARROWHEAD-SHAPED, WITH BLACK INDEX MARK - A POINTER 4 BEARING FROM COMPASS CARD SCALE				3	
FC1020206	HEADING MARKER-COPILOT		245 1 2 SMALL SQUARES SEPARATED BY A NARROW GAP - A MARKER 2 GAP IS INDEX FOR READING BEARING BEING SET ON COMPASS CARD SCALE 3 COLORED YELLOW 4 SET MANUALLY WITH HEADING SET KNOB TO INDICATE HEADING 5 ROTATES WITH COMPASS CARD SCALE AS A-V CHANGES HEADING				123	
FC1020207	DIGITAL READOUT-COPILOT		1 1 LOCATED IN UPPER RIGHT-HAND CORNER OF HSI 2 PRESENTS NUMERIC READOUT OF SAME COURSE INDICATED BY COURSE POINTER 3 THIS HAS DIGITAL READOUT				3	

PAGE 78
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1020208		1 2 3	2	INDICATES PLACEMENT OF A-V IN RELATION TO SELECTED COURSE LOCATED PERPENDICULAR TO IMAGE LINE THROUGH COURSE DEVIATION DOTS THIS IS A BAR		3	
FC1020209	4	1 2 3 4	3	APPEARS TO INDICATE INSUFFICIENT ELECTRICAL POWER TO HSI BLACK "OFF" LEGEND ON RED BACKGROUND -WARNING FLAG LOCATED ON RIGHT SIDE OF HSI, BELOW DIGITAL COURSE READOUT USE INFORMATION FROM OTHER HSI		2	
FC1020210		1 2 3 4	3	SHORT WHITE INDEX LINES PLUS UPPER AND LOWER RUBBER LINE SPACED 45 DEGREES APART PROVIDE REFERENCE POINTS ON HSI DIAL THIS IS A MARKER		124	
FC1020211		1 2 3 4	1	LOCATED IN LOWER RIGHT-HAND CORNER OF HSI RECORDS RUNNING TIME OF HSI WHEN POWER IS APPLIED TO AZIMUTH AND BEARING SERVO THIS IS AN INDICATOR		4	
FC1020212		1 2 3 4	1	LOCATED IN LOWER RIGHT-HAND CORNER OF HSI USED TO MANUALLY SET COURSE POINTER AND RECIPROCAL COURSE POINTER LABELED "COURSE SET" THIS IS A KNOB		34	
FC1020213		1 2 3 4	35	PROVIDES RECIPROCAL BEARING OF THAT INDICATED BY NAVIGATION BEARING POINTER			
FC1020214		1 2 3 4 5		TRAPEZOIDAL, WHITE, WITH BLACK "N" AND BLACK INDEX MARK USED WITH COMPASS CARD SCALE THIS IS A POINTER I2345			
FC1020215		1 2 3 4 5		PROVIDES THE RECIPROCAL BEARING OF THAT INDICATED BY THE UNMARKED BEARING POINTER. THE POINTER IS TRAPEZOIDAL, PAINTED WHITE, AND INCLUDES A BLACK INDEX MARK. THE INDEX MARK, NEAR THE INNER EDGE OF THE POINTER, IS THE REFERENCE POINT FOR READING RECIPROCAL BEARING FROM THE COMPASS CARD SCALE. I234			
FC1020216		1 2 3 4	3	PROVIDES THE RECIPROCAL COURSE OF THAT INDICATED BY THE COURSE POINTER WHICH IS PAINTED WHITE. LIKE THE COURSE POINTER, THE RECIPROCAL COURSE POINTER POINTS TO THE INSIDE EDGE OF THE INDICES ON THE COMPASS CARD SCALE. I2			
FC1020217		1 2 3 4	4	ORIENTED TO NOSE OF A-V, ROTATES WITH COMPASS CARD SCALE AS A-V CHANGES HEADING LOCATED IN CENTER OF HSI THIS IS A SYMBOL			
		1 2 3 4	3	MANUALLY SETS HEADING MARKER INCLUDES LEGEND "HEADING SET" LOCATED IN LOWER LEFT HAND CORNER OF HSI THIS IS A KNOB		24	

PAGE 79 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*-YN	*TYPE	*VALUES
F01020218	COURSE DEVIATION DOTS-COPILOT		1 2 3 4 5	45	CONSISTS OF 4 DOTS ON AN IMAGINARY STRAIGHT LINE THROUGH CENTER OF AIRCRAFT SYMBOL, PERPENDICULAR TO COURSE DEVIATION BAR SCALING OF DOTS DIFFERS DEPENDING UPON MODE OF OPERATION POSITION OF COURSE DEVIATION BAR RELATIVE TO DOTS ASSIST IN DETERMINING DISPLACEMENT OF A-V TO LEFT OR RIGHT OF SELECTED COURSE		12	3
F01020219	COURSE DEV WARN FLAG-COPILOT	5	1 2 3 4 5	23	RED WARNING FLAG INDICATES THAT INCOMING SIGNALS TO COURSE DEVIATION BAR ARE WEAK OR INVALID FLAG WINDOW LOCATED IN CENTRAL PORTION OF HSI DISREGARD INFORMATION ON FAILED HSI-USE INFORMATION FROM OTHER HSI		12	
F01020220	LUBBER LINE-COPILOT		1 2 3 4	3	LOCATED AT 12 O'CLOCK POSITION OF HSI DIAL LOWER LUBBER LINE LOCATED AT 6 O'CLOCK POSITION OF HSI DIAL INDICATES CURRENT HEADING OF A-V ON COMPASS CARD SCALE FIXED WHITE INDEX LINE INSCRIBED AT CIRCUMFERENCE OF HSI DIAL		12	1
F01020221	TU-FROM ARROWS-COPILOT		1 2 3 4	234	TWO TRIANGULAR WINDOWS (ARROWS) INDICATE TO-FROM RELATIONSHIP OF A-V AND TACAN STATION WHEN WINDOW NEAREST COURSE POINTER SHOWS WHITE FLAG, COURSE SELECTED WILL TAKE A-V TO SELECTED FACILITY		1	
F01020222	RANGE WARNING FLAG-COPILOT	456	1 2 3 4 5 6	3	RED AND WHITE (DIAGONALLY-STRIPED) SHUTTER LOCATED IN DIGITAL DISTANCE READOUT WINDOW (OBSCURES DISTANCE READOUT) INDICATES LOSS OF TACAN SIGNAL OF INVALID SIGNAL DISREGARD INFO. ON FAILED HSI-USE INFORMATION FROM OTHER HSI. IF FLAG IS ON BOTH HSIS, CHECK RANGE AND TUNING OF TACAN STATION. COMPARE DATA FROM BOTH HSIS, USE ALTERNATE NAVIGATION		4	
F01030X	AIRSPEED-MACH NUMBER INDICATOR		1 2 3 4	12	INDICATES AIRSPEED, MACH NUMBER, NORMAL ACCELERATION, AND STANDARDIZED AOA LOCATED TO LEFT OF VSD-DU THIS IS A UNIT		4	2
F01030X01	AIRSPEED MOVING SCALE		1 2 3 4	3	RIGHT HAND SIDE OF AMI INDEX MARKINGS EVERY TEN KNOTS OVER DISPLAY RANGE MOVEMENT OF TAPE DOWNWARD INDICATES REDUCTION IN A-V AIRSPEED BLACK MOVING TAPE WITH WHITE INDEX AND NUMERAL MARKINGS		3	
F01030X02	AIRSPEED INDICATOR INDEX LINE		1 2 3	1	CALIBRATED SPEED READ UNDER THIS LINE ON AIRSPEED MOVING SCALE HORIZONTALLY POSITIONED APPROX MIDPT OF SCALE INDEX-TYPE INDICATOR		2	

PAGE 80 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES																									
FC1030X03	AIRSPEED FAIL-POWER OFF FLAG	56709	1 2 3 4 5 6 7 8 9	12 13 14 15 16 17 18 19 20	APPEARS WHEN ERROR IN EXCESS OF 5 KNOTS AIRSPEED IS DETECTED OR AIRSPEED DATA ARE LOST OR ELECTRICAL POWER FAILS LOCATED BELOW AIRSPEED INDICATOR INDEX LINE BLACK "OFF" LEGEND ON RED BACKGROUND-WARNING FLAG IF FAILURE IS IN ADC COMPUTER, SELECT OTHER COMPUTER. IF NOT IN COMPUTER CHECK AMI INSTRUMENT BY PRESSING VSI SELF-TEST BUTTON. IF FAILURE IS NOT IN INSTRUMENT BUT BETWEEN INSTRUMENT AND COMPUTER, SELECT OTHER COMPUTER. IF FAILURE IS IN INSTRUMENT, USE OTHER AMI OR STANDBY AIRSPEED-MACH INDICATOR	4	1																										
FC1030X04	COMMAND AIRSPEED MARKER		1 2 3 4	21 22 23 24	YELLOW BAR BLACK CENTERLINE - A MARKER POSITIONED HORIZONTALLY IN FRONT OF AIRSPEED MOVING SCALE SET MANUALLY WITH AIRSPEED COMMAND SLEW SWITCH AND COMMAND AIRSPEED COUNTER TO INDICATE COMMAND AIRSPEED	13	1																										
FC1030X05	COMMAND AIRSPEED COUNTER		1 2 3	25 26 27	LABELLED "COMMAND KNOTS" READOUT OF COMMAND AIRSPEED SET IN AMI BY AIRSPEED COMMAND SLEW SW DIGITAL READOUT	234	6																										
FC1030X06	AIRSPEED COMMAND SLEW SWITCH		1 2 3 4 5 6	28 29 30 31 32 33	OPERATES COMMAND AIRSPEED COUNTER AND COMMAND AIRSPEED MARKER MOMENTARY UP DRIVES MARKER AND COUNTER TOWARD INCR VALUE CNTR LOCK SIDE THROW PROVIDES FOR POSITIONING AND RETAINING COMMAND AIRSPEED MARKER PLUS CONTINUOUS DIGITAL READOUT OF A-V AIRSPEED PERMITS INDEXING A ONE-UNIT INCREMENT ON COMMAND AIRSPEED COUNTER TRIANGULAR, SPRING CENTERED TUGGLE SWITCH	4	2																										
FC1030X07	MACH NUMBER MOVING SCALE		1 2 3 4	34 35 36 37	INDICATES A-V MACH NUMBER BLACK MOVING TAPE WITH WHITE INDEX AND NUMERAL MARKINGS DOWNWARD MOVEMENT OF TAPE INDICATES REDUCTION IN A-V MACH NUMBER INDEX MARKINGS EVERY HUNDRETH MACH	13	2																										
FC1030X08	MACH FAIL-POWER OFF FLAG	42078	1 2 3 4 5 6 7 8	38 39 40 41 42 43 44 45	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

PAGE 81
CODE

	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1030X12	COMMAND MACH COUNTER	1 2 3	1 PROVIDES DIGITAL READOUT OF COMMAND MACH NUMBER SET IN AMI 2 LABELED "COMMAND MACH" 3 DIGITAL READOUT				23	
FC1030X13	MACH COMMAND SLEW SWITCH	1 2 3 4 5 6	1 OPERATES COMMAND MACH MARKER AND COMMAND MACH COUNTER 2 MOMENTARY UP DRIVES MARKER AND COUNTER TOWARD INCR VALUE 3 CNTR LOCK SIDE THROW PROVIDES FOR POSITIONING AND RETAINING 4 COMMAND MACH MARKER PLUS CONTINUOUS DIGITAL READOUT OF A-V MACH NUMBER 5 PERMITS INDEXING A ONE-UNIT INCREMENT ON COMMAND MACH COUNTER 6 TRIANGULAR, SPRING CENTERED TOGGLE SWITCH				6	234
FC1030X14	UNIT AOA FIXED SCALE	1 2 3 4	1 WHITE INDEX AND NUMERICAL MARKINGS ON A BLACK BACKGROUND--FIXED SCALE 2 INDEX MARKINGS FOR EACH HUNDRETH INCREASE 3 AOA MOVING TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARCATION BETWEEN 4 WHITE AND BLACK SECTIONS INDICATES AOA				1 2	
FC1030X15	UNIT AOA FAIL-POWER OFF FLAG	1 2 3 4 5 6 7 8	1 INDICATE ERROR IN AOA INPUT DATA, FROM RGA COMPUTER OR AMI 2 RGA FAILURE WILL BE INDICATED BY ILLUMINATION OF RGA 1 OR RGA 2 3 INDICATORS 4 BLACK "OFF" ON RED BACKGROUND--WARNING FLAG 5 IF FAILURE IS IN RGA COMPUTER OR RGA2 LIGHTS, SELECT OTHER COMPUTER. 6 IF FAILURE IS NOT IN COMPUTER BUT BETWEEN INSTRUMENT AND COMPUTER, 7 SELECT OTHER COMPUTER. IF FAILURE IS IN INSTRUMENT, USE OTHER AMI OR 8 AOA INDICATORS				4	
FC1030X17	NORMAL ACCEL MOVING SCALE	1 2 3 4 5	1 MARKINGS FROM 10G TO 1G ARE WHITE; FROM .9G TO .4G MARKINGS ARE RED 2 G FORCE SUSTAINED BY A-V IS READ FROM SCALE POINT UNDER INDEX LINE 3 DOWNWARD TAPE MOVEMENT INDICATES INCREASE PLUS G FORCE 4 UPWARD TAPE MOVEMENT INDICATES INCREASE MINUS G FORCE 5 MOVING SCALE				5	1
FC1030X19	NORMAL ACCELERATION COUNTER	1 2 3 4	1 PROVIDES DIGITAL READOUT OF NORMAL ACCEL(G-FORCES) EXPERIENCED BY A/V 2 WHEN POWER NOT APPLIED TO AMI VALUE=FLAG 3 LOCATED BELOW NORMAL ACCELERATION MOVING SCALE 4 DIGITAL READOUT				4	2
FC1030X20	NORMAL ACCEL FAILURE FLAG	1 2 3 4	1 BLACK "OFF" ON RED BACKGROUND--WARNING FLAG 2 APPEARS WHEN INDICATOR MONITOR SENSES .2G ERROR OF UPON ELECTRICAL 3 FAILURE 4 USE OTHER AMI AS INFORMATION SOURCE				1	
FC1030J	AMI-PILOT	1 2 3 4	1 INDICATES AIRSPEED, MACH NUMBER, NORMAL ACCELERATION, AND 2 STANDARDIZED AOA 3 LOCATED TO LEFT OF VSD-DU 4 THIS IS A UNIT				4	2
FC1030101	AIRSPEED MOVING SCALE-PILOT	1 2 3 4	1 RIGHT HAND SIDE OF AMI 2 INDEX MARKINGS EVERY TEN KNOTS OVER DISPLAY RANGE 3 MOVEMENT OF TAPE DOWNWARD INDICATES REDUCTION IN A-V AIRSPEED 4 BLACK MOVING TAPE WITH WHITE INDEX AND NUMERICAL MARKINGS				4	2
FC1030102	AIRSPEED IND LINE-PILOT	1 2 3	1 CALIBRATED SPEED READ UNDER THIS LINE ON AIRSPEED MOVING SCALE 2 HORIZONTALLY POSITIONED APPROX MIDDLE OF SCALE 3 INDEX-TYPE INDICATOR					

PAGE 83 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1030112	COMMAND MACH COUNTER-PIL	1	1 PROVIDES DIGITAL READOUT OF COMMAND MACH NUMBER SET IN AMI 2 Labeled "COMMAND MACH" 3 DIGITAL READOUT			25		
FC1030113	MACH CMD SLEW SWITCH-PIL	1	1 OPERATES COMMAND MACH MARKER AND COMMAND MACH COUNTER 2 MOMENTARY UP DRIVES MARKER AND COUNTER TOWARD INCK VALUE 3 CNTR LOCK SIDE THROW PROVIDES FOR POSITIONING AND RETAINING 4 COMMAND MACH MARKER PLUS CONTINUOUS DIGITAL READOUT OF A-V MACH NUMBER 5 PERMITS INDEXING A ONE-UNIT INCREMENT ON COMMAND MACH COUNTER 6 TRIANGULAR, SPRING CENTERED TOGGLE SWITCH			6		234
FC1030114	UNIT AOA FIXED SCALE-PIL	1	1 WHITE INDEX AND NUMERICAL MARKINGS ON A BLACK BACKGROUND-FIXED SCALE 2 INDEX MARKINGS FOR EACH HUNDRETH INCREASE 3 AOA MOVING TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARCATION BETWEEN 4 WHITE AND BLACK SECTIONS INDICATES AOA					
FC1030115	UNIT AOA FAIL-PWK OFF-PIL	1	1 INDICATE ERROR IN AOA INPUT DATA, FROM RGA COMPUTER OR AMI 2 RGA FAILURE WILL BE INDICATED BY ILLUMINATION OF RGA 1 OR RGA 2 3 INDICATORS 4 BLACK "OFF" ON RED BACKGROUND-WARNING FLAG 5 IF FAILURE IS IN RGA COMPUTER OR RGA2 LIGHTS, SELECT OTHER COMPUTER. 6 IF FAILURE IS NOT IN COMPUTER BUT BETWEEN INSTRUMENT AND COMPUTER, 7 SELECT OTHER COMPUTER. IF FAILURE IS IN INSTRUMENT, USE OTHER AMI OR 8 AOA INDICATORS					
FC1030116	UNIT AOA MOVING TAPE-PIL01	1	1 MOVES UP AND DOWN TO THE LEFT OF THE UNIT AOA FIXED SCALE. CONSISTS OF 2 A BLACK SECTION AND A WHITE SECTION WITH A WHITE SECTION ALWAYS 3 APPEARING BELOW THE BLACK SECTION. THE LINE OF DEMARCATION BETWEEN THE 4 TWO SECTIONS PROVIDES THE INDEX FROM WHICH AOA VALUES CAN BE READ OFF 5 THE UNIT AOA FIXED SCALE. TAPE REACTS TO INPUTS FROM RGA-AOA-AVL 6 COMPUTER TO PROVIDE THE PIL-COP WITH CURRENT DATA.					
FC1030117	NORMAL ACCEL MOV SCALE-PIL	1	1 MARKINGS FROM 10G TO 1G ARE WHITE; FROM .9G TO -.4G MARKINGS ARE RED 2 G FORCE SUSTAINED BY A-V IS READ FROM SCALE POINT UNDER INDEX LINE 3 DOWNWARD TAPE MOVEMENT INDICATES INCREASE PLUS G FORCE 4 UPWARD TAPE MOVEMENT INDICATES INCREASE MINUS G FORCE 5 MOVING SCALE					
FC1030118	NORMAL ACCEL INDEX LINE-PIL	1	1 A FIXED WHITE INDEX LINE, POSITIONED HORIZONTALLY IN FRONT OF THE 2 NORMAL ACCELERATION MOVING SCALE AT APPROXIMATELY THE MID-POINT OF THE 3 VISIBLE PORTION OF THE SCALE. THE G-FORCE BEING SUSTAINED BY THE A-V 4 AT ANY GIVEN MOMENT IS READ UNDER THIS LINE FROM THE NORMAL 5 ACCELERATION MOVING SCALE.					
FC1030119	NORMAL ACCEL COUNTER-PIL	1	1 PROVIDES DIGITAL READOUT OF NORMAL ACCEL (G-FORCES) EXPERIENCED BY A/V 2 WHEN POWER NOT APPLIED TO AMI VALUE=FLAG 3 LOCATED BELOW NORMAL ACCELERATION MOVING SCALE 4 DIGITAL READOUT					
FC1030120	NORMAL ACCEL FAIL FLAG-PIL	1	1 BLACK "OFF" ON RED BACKGROUND-WARNING FLAG 2 APPEARS WHEN INDICATOR MONITOR SENSES .2G ERROR OF UPON ELECTRICAL 3 FAILURE 4 USE OTHER AMI AS INFORMATION SOURCE					

PAGE 84 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1030201	AMI-COPILOT	1 2 3 4	12 INDICATES AIRSPEED, MACH NUMBER, NORMAL ACCELERATION, AND STANDARDIZED ACA LOCATED TO LEFT OF VSD-DU THIS IS A UNIT	3 1 1			4 2 3	
FC1030202	AIRSPEED MOVING SCALE-COPILOT	1 2 3 4	1 RIGHT HAND SIDE OF AMI INDEX MARKINGS EVERY TEN KNOTS OVER DISPLAY RANGE MOVEMENT OF TAPE DOWNWARD INDICATES REDUCTION IN A-V AIRSPEED BLACK MOVING TAPE WITH WHITE INDEX AND NUMERAL MARKINGS	2 3 3 3			4 2 3	
FC1030203	AIRSPEED IND LINE-COPILOT	1 2 3	1 CALIBRATED SPEED READ UNDER THIS LINE ON AIRSPEED MOVING SCALE HORIZONTALLY POSITIONED APPROX MIDPT OF SCALE INDEX-TYPE INDICATOR	2 3 3			4 2 3	
FC1030204	AIRSPEED FAIL-PWR OFF-COPILOT	1 2 3 4 5 6 7 8 9	1 APPEARS WHEN ERROR IN EXCESS OF 5 KNOTS AIRSPEED IS DETECTED OR AIRSPEED DATA ARE LOST OR ELECTRICAL POWER FAILS LOCATED BELOW AIRSPEED INDICATOR INDEX LINE BLACK 'OFF' LEGEND ON RED BACKGROUND-WARNING FLAG IF FAILURE IS IN ADC COMPUTER, SELECT UT-R COMPUTER. IF NOT IN COMPUTER CHECK AMI INSTRUMENT BY PRESSING VSI SELF-TEST BUTTON. IF FAILURE IS NOT IN INSTRUMENT BUT BETWEEN INSTRUMENT AND COMPUTER, SELECT OTHER COMPUTER. IF FAILURE IS IN INSTRUMENT, USE OTHER AMI OR STANDBY AIRSPEED-MACH INDICATOR	34 2 2 3 3 3 3 3 3			1 1 13 1	
FC1030205	CMD AIRSPEED MARKER-COPILOT	1 2 3 4	1 YELLOW BAR BLACK CENTERLINE - A MARKER POSITIONED HORIZONTALLY IN FRONT OF AIRSPEED MOVING SCALE SET MANUALLY WITH AIRSPEED COMMAND SLEW SWITCH AND COMMAND AIRSPEED COUNTER TO INDICATE COMMAND AIRSPEED	2 2 3 3			13 6 234	
FC1030206	CMD AIRSPEED COUNTER-COPILOT	1 2 3 4	1 Labeled 'COMMAND KNOTS' READOUT OF COMMAND AIRSPEED SET IN AMI BY AIRSPEED COMMAND SLEW SW DIGITAL READOUT	2 2 3 3			13 6 234	
FC1030207	AIRSPEED CMD SLEW SWITCH-COP	1 2 3 4 5 6	1 OPERATES COMMAND AIRSPEED COUNTER AND COMMAND AIRSPEED MARKER MOMENTARY UP DRIVES MARKER AND COUNTER TOWARD INCR VALUE CNR LOCK SIDE THROU PROVIDES FOR POSITIONING AND RETAINING COMMAND AIRSPEED MARKER PLUS CONTINUOUS DIGITAL READOUT OF A-V AIRSPEED PERMITS INDEXING A ONE-UNIT INCREMENT ON COMMAND AIRSPEED COUNTER TRIANGULAR, SPRING CENTERED TUGGLE SWITCH	15 1 2 3 4 5 6			6 2 4	
FC1030207	MACH NUMBER SCALE-COPILOT	1 2 3 4	1 INDICATES A-V MACH NUMBER BLACK MOVING TAPE WITH WHITE INDEX AND NUMERAL MARKINGS DOWNWARD MOVEMENT OF TAPE INDICATES REDUCTION IN A-V MACH NUMBER INDEX MARKINGS EVERY HUNDREDTH MACH	1 2 3 4			2 2 4	

PAGE 35 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F01030208	MACH FAIL-PWR OFF-COPILOT	45678	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	INDICATES SIGNAL FAILURE, POWER FAILURE, AMI FAILURE, OR INVALID DATA BLACK 'OFF' LEGEND ON RED BACKGROUND-WARNING FLAG LOCATED ABOVE MACH INDICATOR INDEX LINE IF FAILURE IS IN ADC COMPUTER, SELECT OTHER COMPUTER. IF FAILURE IS NOT IN COMPUTER, CHECK AMI INSTRUMENT BY PRESSING VSI BUTTON. IF FAILURE IS NOT IN INSTRUMENT BUT BETWEEN INSTRUMENT AND COMPUTER, SELECT OTHER COMPUTER. IF FAILURE IS IN INSTRUMENT, USE OTHER AMI OR THE STANDEY AIRSPEED-MACH INDICATOR		2	
F01030209	MACH INDICATOR INDEX LINE-CUP		1 2 3	1 2 3	MACH NUMBER READ FROM MACH NUMBER MOVING SCALE UNDER INDEX LINE FIXED WHITE LINE, INDEX LOCATED APPROX AT MIDPOINT OF MACH NUMBER MOVING SCALE		1	
F01030210	COMMAND MACH MARKER-COPILOT		1 2 3 4	1 2 3 4	YELLOW BAR BLACK CENTERLINE MARKER POSITIONED HORIZONTALLY IN FRONT OF MACH NUMBER MOVING SCALE SET MANUALLY WITH MACH COMMAND SLEW SWITCH AND COMMAND MACH COUNTER TO INDICATE COMMAND MACH NUMBER		3	
F01030211	MAXIMUM SAFE MACH BAR-COP		1 2 3 4	1 2 3 4	INDICATES THAT SPEED LIMIT OF A-V HAS BEEN REACHED CONTROLLED BY AVL COMPUTER, PILOT-COPILOT HAVE NO MANUAL CONTROL PAINTED WITH RED AND BLACK DIAGONAL STRIPES-BAR MARKER POSITIONED HORIZONTALLY IN FRONT OF MACH NUMBER		23	
F01030212	COMMAND MACH COUNTER-COP		1 2 3	1 2 3	PROVIDES DIGITAL READOUT OF COMMAND MACH NUMBER SET IN AMI LABELED 'COMMAND MACH' DIGITAL READOUT		6	234
F01030213	MACH CMD SLEW SWITCH-COP		1 2 3 4 5 6	1 2 3 4 5 6	OPERATES COMMAND MACH MARKER AND COMMAND MACH COUNTER MOMENTARY UP DRIVES MARKER AND COUNTER TOWARD INCR VALUE CENTR LOCK SIDE THROW PROVIDES FOR POSITIONING AND RETAINING COMMAND MACH MARKER PLUS CONTINUOUS DIGITAL READOUT OF A-V MACH NUMBER PERMITS INDEXING A ONE-UNIT INCREMENT ON COMMAND MACH COUNTER TRIANGULAR, SPRING CENTERED TOGGLE SWITCH		1	
F01030214	UNIT AOA FIXED SCALE-COP		1 2 3 4	1 2 3 4	WHITE INDEX AND NUMERICAL MARKINGS ON A BLACK BACKGROUND-FIXED SCALE INDEX MARKINGS FOR EACH HUNDRETH INCREASE AOA MOVING TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARKATION BETWEEN WHITE AND BLACK SECTIONS INDICATES AOA		1	
F01030215	UNIT AOA FAIL-PWR OFF-COP	5678	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	INDICATE ERROR IN AOA INPUT DATA, FROM RGA COMPUTER OR AMI RGA FAILURE WILL BE INDICATED BY ILLUMINATION OF RGA 1 OR RGA 2 INDICATORS BLACK 'OFF' ON RED BACKGROUND-WARNING FLAG IF FAILURE IS IN RGA COMPUTER OR RGA2 LIGHTS, SELECT OTHER COMPUTER. IF FAILURE IS NOT IN COMPUTER BUT BETWEEN INSTRUMENT AND COMPUTER, SELECT OTHER COMPUTER. IF FAILURE IS IN INSTRUMENT, USE OTHER AMI OR AOA INDICATORS		4	

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1030216		1	UNIT ADA MOVING TAPE-COPILOT				
		2					MOVES UP AND DOWN TO THE LEFT OF THE UNIT ADA FIXED SCALE. CONSISTS OF
		3					A BLACK SECTION AND A WHITE SECTION WITH A WHITE SECTION ALWAYS
		4					APPEARING BELOW THE BLACK SECTION. THE LINE OF DEMARCATION BETWEEN THE
		5					TWO SECTIONS PROVIDES THE INDEX FROM WHICH ADA VALUES CAN BE READ OFF
		6					THE UNIT ADA FIXED SCALE. TAPE REACTS TO INPUTS FROM RGA-ADA-AVL
FC1030217		1	NORMAL ACCEL MOV SCALE-COP				COMPUTER TO PROVIDE THE PIL-COP WITH CURRENT DATA.
		2					234
		3					MARKINGS FROM 10G TO 1G ARE WHITE; FROM .9G TO -.4G MARKINGS ARE RED
		4					G FORCE SUSTAINED BY A-V IS READ FROM SCALE POINT UNDER INDEX LINE
		5					DOWNWARD TAPE MOVEMENT INDICATES INCREASE PLUS G FORCE
		6					UPWARD TAPE MOVEMENT INDICATES INCREASE MINUS G FORCE
FC1030218		1	NORMAL ACCEL INDEX LINE-COP				MOVING SCALE
		2					12345
		3					A FIXED, WHITE INDEX LINE, POSITIONED HORIZONTALLY IN FRONT OF THE
		4					NORMAL ACCELERATION MOVING SCALE AT APPROXIMATELY THE MID-POINT OF THE
		5					VISIBLE PORTION OF THE SCALE. THE G-FORCE BEING SUSTAINED BY THE A-V
		6					AT ANY GIVEN MOMENT IS READ UNDER THIS LINE FROM THE NORMAL
FC1030219		1	NORMAL ACCEL COUNTER-COP				ACCELERATION MOVING SCALE.
		2					1
		3					PROVIDES DIGITAL READOUT OF NORMAL ACCEL(G-FORCES) EXPERIENCED BY A/V
		4					2
		5					WHEN POWER NOT APPLIED TO AMI VALUE=FLAG
		6					LOCATED BELOW NORMAL ACCELERATION MOVING SCALE
FC1030220	4	1	NORMAL ACCEL FAIL FLAG-COP				DIGITAL READOUT
		2					23
		3					BLACK 'OFF' ON RED BACKGROUND-WARNING FLAG
		4					1
		5					APPEARS WHEN INDICATOR MONITOR SENSES .2G ERROR OF UPON ELECTRICAL
		6					FAILURE
FC1040X		1	ALTITUDE-VERTICAL VELOCITY				USE OTHER AMI AS INFORMATION SOURCE
		2	IND				4
		3					5
		4					123
FC1040X01		1	BARO-SET KNOB				
		2					PRESENTS ALTITUDE ON A GROSS, SENSITIVE, AND VERNIER SCALE
		3					PRESENTS VERTICAL VELOCITY ON A FIXED LOW RANGE AND COUNTER-TYPE
		4					HIGH RANGE SCALE
		5					LOCATED TO RIGHT OF VSD-DU
		6					THIS IS A UNIT
		7					1245
		8					36
		9					TO SET AVVI TO INDICATE ZERO ALTITUDE AT ANY EXISTING GROUND LEVEL
		10					PRESSURE IN RANGE OF 31.00 TO 28.00 INCLUSIVE INCHES OF MERCURY
		11					INCLUDES BLACK LEGEND 'BARO'
		12					SETS BARO PRESSURE COUNTER
		13					WHEN ALT=18000 FT. SET BARO PRESSURE TO 29.92
		14					THIS IS A KNOB
		15					1
		16					2
FC1040X02		1	BARO PRESSURE COUNTER				
		2					READOUT OF BAROMETRIC PRESSURE AS SET WITH BARO-SET KNOB
		3					3
		4					LOCATED ABOVE BARO SET KNOB
		5					THIS IS A DIGITAL READOUT
		6					1
FC1040X03		1	COMMAND COUNTER				
		2					PRESENTS 5-DIGIT READOUT OF COMMAND ALTITUDE
		3					2
		4					3
		5					CORRESPONDS TO SEA LEVEL
		6					THIS IS A DIGITAL READOUT

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1040X04		1 2 3 4 5 6 7	COMMAND ALTITUDE SLEW SWITCH	127 SETS GROSS ALT SCALE COMMAND MARKER, SENSITIVE ALT SCALE COMMAND MARK, AND COMMAND COUNTER MOMENTARY UP DRIVES MARKERS AND COUNTER TOWARD INCR VALUE CNTR LUCK SIDE THROW PROVIDES FOR POSITIONING AND RETAINING SENSITIVE ALT SCALE COMMAND MARKER ON SENSITIVE ALT SCALE INDEX LINE WITHIN 50 FT PERMITS INDEXING A ONE UNIT INCREMENT ON COMMAND COUNTER TRIANGULAR, SPRING CENTERED 2 POS TOGGLE SWITCH 134 SERVES AS SCALE FOR GROSS ALT SCALE COMMAND MARK AND GROSS ALTITUDE TAPE INDEX MARKINGS FOR EACH 1000 FT INCREMENT GROSS ALTITUDE TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARCATION BETWEEN WHITE AND BLACK SECTIONS INDICATES ALTITUDE VALUE=0 REPRESENTS SEA LEVEL LOCATED ON RIGHT SIDE OF AVVI THIS IS A FIXED SCALE 34	8		3450
FC1040X05		1 2 3 4 5 6 7	GROSS ALTITUDE FIXED SCALE	134 SERVES AS SCALE FOR GROSS ALT SCALE COMMAND MARK AND GROSS ALTITUDE TAPE INDEX MARKINGS FOR EACH 1000 FT INCREMENT GROSS ALTITUDE TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARCATION BETWEEN WHITE AND BLACK SECTIONS INDICATES ALTITUDE VALUE=0 REPRESENTS SEA LEVEL LOCATED ON RIGHT SIDE OF AVVI THIS IS A FIXED SCALE 34	6		257
FC1040X07		1 2 3 4	GROSS ALT SCALE COMMAND MARKER	1 YELLOW BAR BLACK CENTERLINE-MARKER POSITIONED HORIZONTALLY TO LEFT OF GROSS ALTITUDE TAPE SET MANUALLY WITH COMMAND ALTITUDE SLEW SWITCH TO COMMAND ALTITUDE SENSITIVE ALT SCALE COMMAND MARK IS SET SIMULTANEOUSLY 23 INDEX MARKINGS EVERY 500 FT, NUMERICAL MARKINGS EVERY 1000 FT DOWNWARD MOVEMENT OF SCALE INDICATES AN INCR IN A-V ALTITUDE UPWARD MOVEMENT OF SCALE INDICATES A DECR IN A-V ALTITUDE THIS IS A MOVING SCALE 34	1 4 1 4		1
FC1040X08		1 2 3 4	SENSITIVE ALTITUDE SCALE	1 INDEX MARKINGS EVERY 500 FT, NUMERICAL MARKINGS EVERY 1000 FT DOWNWARD MOVEMENT OF SCALE INDICATES AN INCR IN A-V ALTITUDE UPWARD MOVEMENT OF SCALE INDICATES A DECR IN A-V ALTITUDE THIS IS A MOVING SCALE 34	1 4 1 4		1
FC1040X09		1 2 3 4 5	SENSITIVE ALT SCALE COMMAND MARK	1 YELLOW BAR BLACK CENTERLINE POSITIONED HORIZONTALLY IN FRONT OF SENSITIVE ALTITUDE SCALE SET MANUALLY WITH COMMAND ALTITUDE SLEW SWITCH SUPERIMPOSED OVER COMMAND VALUE AND TRACKS COMMAND VALUE THIS IS A MARKER 34	2 34 1		15
FC1040X10		1 2 3 4	SENSITIVE ALT SCALE INDEX LINE	1 ALTITUDE OF A-V READ UNDER INDEX LINE FROM SENSITIVE ALTITUDE SCALE FIXED WHITE LINE - AN INDEX LINE LOCATED APPROX AT MIDPOINT OF VISIBLE PORTION OF SENSITIVE ALTITUDE SCALE 12345 INDICATES AVVI FAILURE, ELECTRICAL POWER FAILURE, RECEIPT OF INVALID DATA, OR LOSS OF DATA ADC FAILURE WILL BE INDICATED BY ILLUMINATION OF ADC 1 OR ADC 2 INDICATORS FOR AVVI FAILURE STANDBY ALTIMETER USED FOR INFORMATION BLACK "OFF" ON RED BACKGROUND SELECT OTHER COMPUTER IF ADC COMPUTER FAILS-CHECK AVVI INSTRUMENT IF COMPUTERS DON'T FAIL-USE OTHER AVVI OR STANDBY ALTIMETER IF FAILURE IS IN INSTRUMENT	2 34 1		2
FC1040X11		1 2 3 4 5 6 7 8 9	POWER OFF-ALTITUDE FAIL FLAG	789 INDICATES AVVI FAILURE, ELECTRICAL POWER FAILURE, RECEIPT OF INVALID DATA, OR LOSS OF DATA ADC FAILURE WILL BE INDICATED BY ILLUMINATION OF ADC 1 OR ADC 2 INDICATORS FOR AVVI FAILURE STANDBY ALTIMETER USED FOR INFORMATION BLACK "OFF" ON RED BACKGROUND SELECT OTHER COMPUTER IF ADC COMPUTER FAILS-CHECK AVVI INSTRUMENT IF COMPUTERS DON'T FAIL-USE OTHER AVVI OR STANDBY ALTIMETER IF FAILURE IS IN INSTRUMENT	6		2

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F01040X12	1 2 3 4 5	1 2 3 4 5	VERNIER ALTITUDE SCALE	23 CALIBRATED IN 50 FOOT GRADUATIONS WITH 100 FOOT INDICES ALTITUDE OF A-V IS READ UNDER VERNIER ALT SCALE INDEX LINE LOCATED AT MIDPOINT OF THE VISIBLE PORTION OF SCALE FIXED WHITE INDEX LINE POSITIONED HORIZONTALLY IN FRONT OF SCALE THIS IS A MOVING SCALE	1 45	1	
F01040X14	1 2 3 4 5	1 2 3 4 5	ALTITUDE RATE MOVING SCALE	23 1+2 TO 4000FPM)-A MOVING SCALE TO INDICATE ALTITUDE RATE (VERTICAL VELOCITY) IN RANGE OF 2000 TO 4000 FPM. WHEN VERT VELOC LT 2000 FPM SCALE (TAPE) IS BLANK (BLACK) SCALE FACTOR-TAPE READOUT VERTICAL VELOCITY SCALE FACTOR 2000-4000 FPM 1000FPM-DIVISION TAPE READOUT 4000-10000FPM 2000FPM-DIVISION 2,3,4 10000-40000FPM 5000FPM-DIVISION 4,6,8,10 10,15,20,25,30,35,40 THIS IS A MOVING SCALE	1 1	1	456789
F01040X15	1 2 3 4 5	1 2 3 4 5	ALTITUDE RATE FIXED SCALE	12 PROVIDES FOR LOW-RANGE READOUT OF VERTICAL VELOCITY FROM ZERO TO 1500 FPM FOR BOTH ASCENT AND DESCENT ZERO PT IS MIDPOINT OF SCALE. MAJOR INDICES AT 500 FT INCREMENTS, MINOR INDICES AT 100 FT INCREMENTS THIS IS A FIXED SCALE	1 4	1	
F01040X16	1 2 3 4	1 2 3 4	ALTITUDE RATE MOVING INDEX	123 INDICATES VERTICAL VELOCITY FROM ZERO TO 1500FPM WHEN VERT VELOC IN RANGE OF 2000 TO 4000 INDEX IS INSTALLED ADJACENT TO ALTITUDE RATE MOVING SCALE TO INDICATE ACTIVATION OF HIGH RANGE THIS IS A POINTER	1 1	1	345676
F01040X17	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	ALTITUDE RATE MOVING SCALE -	123 1-2 TO 4000FPM) - A MOVING SCALE TO INDICATE ALTITUDE RATE (VERTICAL VELOCITY) IN RANGE OF -2000 TO WHEN VERT VELOC LT 2000 FPM SCALE (TAPE) IS BLANK (BLACK) SCALE FACTOR-TAPE READOUT VERTICAL VELOCITY SCALE FACTOR 2000-4000 FPM 1000FPM-DIVISION TAPE READOUT 4000-10000FPM 2000FPM-DIVISION 2,3,4 10000-40000FPM 5000FPM-DIVISION 4,6,8,10 10,15,20,25,30,35,40 PRESENTS ALTITUDE ON A GROSS, SENSITIVE, AND VERNIER SCALE PRESENTS VERTICAL VELOCITY ON A FIXED LOW RANGE AND COUNTER-TYPE LOCATED TO RIGHT OF VSD-UU THIS IS A UNIT	1 1 1 1 1 1 1 1	1	
F010401	1 2 3 4 5	1 2 3 4 5	AVV1-PILOT	1245 TO SET AVVI TO INDICATE ZERO ALTITUDE AT ANY EXISTING GROUND LEVEL PRESSURE IN RANGE OF 31.00 TO 28.00 INCLUSIVE INCHES OF MERCURY INCLUDES BLACK LEGEND 'BARO' SETS BARO PRESSURE COUNTER WHEN ALT=18000 FT. SET BARO PRESSURE TO 29.92 THIS IS A KNOB	1 36	1	
F01040101	1 2 3 4 5	1 2 3 4 5	BARO-SET KNOB-PILOT	1245 TO SET AVVI TO INDICATE ZERO ALTITUDE AT ANY EXISTING GROUND LEVEL PRESSURE IN RANGE OF 31.00 TO 28.00 INCLUSIVE INCHES OF MERCURY INCLUDES BLACK LEGEND 'BARO' SETS BARO PRESSURE COUNTER WHEN ALT=18000 FT. SET BARO PRESSURE TO 29.92 THIS IS A KNOB	1 36	1	
F01040102	1 2 3	1 2 3	BARO PRESSURE COUNTER-PILOT	1245 TO SET AVVI TO INDICATE ZERO ALTITUDE AT ANY EXISTING GROUND LEVEL PRESSURE IN RANGE OF 31.00 TO 28.00 INCLUSIVE INCHES OF MERCURY INCLUDES BLACK LEGEND 'BARO' SETS BARO PRESSURE COUNTER WHEN ALT=18000 FT. SET BARO PRESSURE TO 29.92 THIS IS A KNOB	1 36	1	

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1040103		1 2 3		PRESENTS 5-DIGIT READOUT OF COMMAND ALTITUDE G. CORRESPONDS TO SEA LEVEL THIS IS A DIGITAL READOUT		3	2
FC1040104		1 2 3 4 5 6 7 8		SETS GROSS ALT SCALE COMMAND MARKER, SENSITIVE ALT SCALE COMM MARK, AND COMMAND COUNTER MOMENTARY UP DRIVES MARKERS AND COUNTER TOWARD INCR VALUE CNTR LOCK SIDE THROW PROVIDES FOR POSITIONING AND RETAINING SENSITIVE ALT SCALE COMM MARKER ON SENSITIVE ALT SCALE INDEX LINE WITHIN 50 FT PERMITS INDEXING A ONE UNIT INCREMENT ON COMMAND COUNTER TRIANGULAR, SPRING CENTERED 2 POS TOGGLE SWITCH		8	3450
FC1040105		1 2 3 4 5 6 7		SERVES AS SCALE FOR GROSS ALT SCALE COMM MARK AND GROSS ALTITUDE TAPE INDEX MARKINGS FOR EACH 1000 FT INCREMENT GROSS ALTITUDE TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARCATION BETWEEN WHITE AND BLACK SECTIONS INDICATES ALTITUDE VALUE=C REPRESENTS SEA LEVEL LOCATED ON RIGHT SIDE OF AWV1 THIS IS A FIXED SCALE		6	457
FC1040106		1 2 3 4 5 6		MOVES UP AND DOWN TO THE LEFT OF THE GROSS ALTITUDE FIXED SCALE CUN- SISTS OF A BLACK AND A WHITE SECTION WITH WHITE ALWAYS APPEARING BELOW THE BLACK SECTION. THE LINE OF DEMARCATION BETWEEN THE TWO SECTIONS PROVIDES THE INDEX FROM WHICH ALTITUDE VALUES CAN BE READ OFF THE GROSS ALTITUDE FIXED SCALE. REACTS TO SIGNALS FROM AUG TO PROVIDE THE PIL-COP WITH CURRENT GROSS ALTITUDE INFORMATION.		1	
FC1040107		1 2 3 4		YELLOW BAR BLACK CENTERLINE-MARKER POSITIONED HORIZONTALLY TO LEFT OF GROSS ALTITUDE TAPE SET MANUALLY WITH COMMAND ALTITUDE SLEW SWITCH TO COMMAND ALTITUDE SENSITIVE ALT SCALE COMM MARK IS SET SIMULTANEOUSLY		2	
FC1040108		1 2 3 4		INDEX MARKINGS EVERY 500 FT. NUMERICAL MARKINGS EVERY 1000 FT DOWNWARD MOVEMENT OF SCALE INDICATES AN INCR IN A-V ALTITUDE UPWARD MOVEMENT OF SCALE INDICATES A DECR IN A-V ALTITUDE THIS IS A MOVING SCALE		1	
FC1040109		1 2 3 4 5		YELLOW BAR BLACK CENTERLINE POSITIONED HORIZONTALLY IN FRONT OF SENSITIVE ALTITUDE SCALE SET MANUALLY WITH COMMAND ALTITUDE SLEW SWITCH SUPERIMPOSED OVER COMMAND VALUE AND TRACKS COMMAND VALUE THIS IS A MARKER		15	
FC1040110		1 2 3 4		ALTITUDE OF A-V READ UNDER INDEX LINE FROM SENSITIVE ALTITUDE SCALE FIXED WHITE LINE - AN INDEX LINE LOCATED APPROX AT MIDPOINT OF VISIBLE PORTION OF SENSITIVE ALTITUDE SCALE		2	

PAGE NO	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1040111	PWR OFF-ALT FAIL FLAG-PILOT	789	1 2 3 4 5 6 7 8 9	INDICATES AVVI FAILURE, DATA, OR LOSS OF DATA ADC FAILURE WILL BE INDICATED BY ILLUMINATION OF ADC 1 OR ADC 2 INDICATORS FOR AVVI FAILURE STANDBY ALTITUDE USED FOR INFORMATION BLACK "OFF" ON RED BACKGROUND SELECT OTHER COMPUTER IF ADC COMPUTER FAILS-CHECK AVVI INSTRUMENT IF COMPUTERS DON'T FAIL-USE OTHER AVVI OR STANDBY ALTIMETER IF FAILURE IS IN INSTRUMENT	12345		B	
FC1040112	VERNIER ALTITUDE SCALE-PILOT		1 2 3 4 5	CALIBRATED IN 50 FOOT GRADUATIONS WITH 100 FOOT INDICES ALTITUDE OF A-V IS READ UNDER VERNIER ALT SCALE INDEX LINE LOCATED AT MIDPOINT OF THE VISIBLE PORTION OF SCALE FIXED WHITE INDEX LINE POSITIONED HORIZONTALLY IN FRONT OF SCALE THIS IS A MOVING SCALE	12345		I	
FC1040113	VERNIER ALT SCALE INDEX-PILOT		1 2 3 4 5	A FIXED WHITE INDEX LINE, POSITIONED HORIZONTALLY IN FRONT OF VERNIER ALTITUDE SCALE AT APPROXIMATELY THE MID-POINT OF THE VISIBLE PORTION OF THE SCALE ADJACENT TO AND IN-LINE WITH THE SENSITIVE ALTITUDE SCALE INDEX LINE ALTITUDE OF THE A-V IS READ UNDER THE VERNIER ALTITUDE SCALE INDEX LINE FROM THE VERNIER ALTITUDE SCALE.	12345		I	456789
FC1040114	ALTITUDE RATE MOV SCALE-PILOT		1 2 3 4 5 6 7 8 9	(+2 TO +40KPPM)-A MOVING SCALE TO INDICATE ALTITUDE RATE (VERTICAL VELOCITY) IN RANGE OF 2000 TO 4000 FPM. WHEN VERT VELOC LT 2000 FPM SCALE (TAPE) IS BLANK (BLACK) SCALE FACTOR-TAPE READOUT VERTICAL VELOCITY SCALE FACTOR TAPE READOUT 2000-4000 FPM 1000FPM-DIVISION 2,3,4 4000-10000FPM 2000FPM-DIVISION 4,6,8,10 10000-40000FPM 5000FPM-DIVISION 10,15,20,25,30,35,40	12345		I	
FC1040115	ALT RATE FIXED SCALE-PILOT		1 2 3 4 5	PROVIDES FOR LOW-RANGE READOUT OF VERTICAL VELOCITY FROM ZERO TO 1500 FPM FOR BOTH ASCENT AND DESCENT ZERO PT IS MIDPOINT OF SCALE. MAJOR INDICES AT 500 FT INCREMENTS, MINOR INDICES AT 100 FT INCREMENTS THIS IS A FIXED SCALE	12345		S	
FC1040116	ALT RATE MOV INDEX-PILOT		1 2 3 4	INDICATES VERTICAL VELOCITY FROM ZERO TO 1500FPM WHEN VERT VELOC IN RANGE OF 2000 TO 4000 INDEX IS INSTALLED ADJACENT TO ALTITUDE RATE MOVING SCALE TO INDICATE ACTIVATION OF HIGH RANGE THIS IS A POINTER	12345		I	345678
FC1040117	ALT RATE MOV SCALE-PILOT		1 2 3 4 5 6 7 8	(-2 TO -40KPPM) - A MOVING SCALE TO INDICATE ALTITUDE RATE (VERTICAL VELOCITY) IN RANGE OF -2000 TO WHEN VERT VELOC LT 2000 FPM SCALE (TAPE) IS BLANK (BLACK) SCALE FACTOR-TAPE READOUT VERTICAL VELOCITY SCALE FACTOR TAPE READOUT 2000-4000 FPM 1000FPM-DIVISION 2,3,4 4000-10000FPM 2000FPM-DIVISION 4,6,8,10 10000-40000FPM 5000FPM-DIVISION 10,15,20,25,30,35,40	12345		I	

PAGE 91 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC10402	AVW1-COPILOT	1 2 3 4 5	123 PRESENTS ALTITUDE ON A GROSS, SENSITIVE, AND VERNIER SCALE PRESENTS VERTICAL VELOCITY ON A FIXED LOW RANGE AND COUNTER-TYPE HIGH RANGE SCALE LOCATED TO RIGHT OF VSD-DU THIS IS A UNIT	4			5	
FC1040201	BARO-SET KNOB-COPILOT	1 2 3 4 5 6	1245 TO SET AVW1 TO INDICATE ZERO ALTITUDE AT ANY EXISTING GROUND LEVEL PRESSURE IN RANGE OF 31.00 TO 28.00 INCLUSIVE INCHES OF MERCURY INCLUDES BLACK LEGEND 'BARO' SETS BARO PRESSURE COUNTER WHEN ALT=18000 FT. SET BARO PRESSURE TO 29.92 THIS IS A KNOB	36				
FC1040202	BARO PRESSURE COUNTER-COP	1 2 3	1 READOUT OF BAROMETRIC PRESSURE AS SET WITH BARO-SET KNOB LOCATED ABOVE BARO SET KNOB THIS IS A DIGITAL READOUT	2			3	
FC1040203	COMMAND COUNTER-COPILOT	1 2 3	1 PRESENTS 5-DIGIT READOUT OF COMMAND ALTITUDE 0 CORRESPONDS TO SEA LEVEL THIS IS A DIGITAL READOUT	1			3	2
FC1040204	CMD ALTITUDE SLEW SW-COP	1 2 3 4 5 6 7 8	127 SETS GROSS ALT SCALE COMMAND MARKER, SENSITIVE ALT SCALE COMMAND MARK, AND COMMAND COUNTER MOMENTARY UP DRIVES MARKERS AND COUNTER TOWARD INCR VALUE CNTR LOCK SIDE THROU PROVIDES FOR POSITIONING AND RETAINING SENSITIVE ALT SCALE COMMAND MARKER ON SENSITIVE ALT SCALE INDEX LINE WITHIN 50 FT PERMITS INDEXING A ONE UNIT INCREMENT ON COMMAND COUNTER TRIANGULAR, SPRING CENTERED 2 POS TOGGLE SWITCH	6			6	3456 257
FC1040205	GROSS ALTITUDE FIXED SCALE-COP	1 2 3 4 5 6 7	134 SERVES AS SCALE FOR GROSS ALT SCALE COMMAND MARK AND GROSS ALTITUDE TAPE INDEX MARKINGS FOR EACH 1000 FT INCREMENT GROSS ALTITUDE TAPE MOVES UP AND DOWN SCALE. LINE OF DEMARCATION BETWEEN WHITE AND BLACK SECTIONS INDICATES ALTITUDE VALUE=0 REPRESENTS SEA LEVEL LOCATED ON RIGHT SIDE OF AVW1 THIS IS A FIXED SCALE	6				
FC1040206	GROSS ALTITUDE TAPE-COPILOT	1 2 3 4 5 6	123456 MOVES UP AND DOWN TO THE LEFT OF THE GROSS ALTITUDE FIXED SCALE COMMAND- MARKER CONSISTS OF A BLACK AND A WHITE SECTION WITH WHITE ALWAYS APPEARING BELOW THE BLACK SECTION. THE LINE OF DEMARCATION BETWEEN THE TWO SECTIONS PROVIDES THE INDEX FROM WHICH ALTITUDE VALUES CAN BE READ OFF THE GROSS ALTITUDE FIXED SCALE. REACTS TO SIGNALS FROM ADC TO PROVIDE THE PIL-COP WITH CURRENT GROSS ALTITUDE INFORMATION.	1				
FC1040207	GROSS ALT SCALE CMD MKR-COP	1 2 3 4	34 YELLOW BAR BLACK CENTERLINE-MARKER POSITIONED HORIZONTALLY TO LEFT OF GROSS ALTITUDE TAPE SET MANUALLY WITH COMMAND ALTITUDE SLEW SWITCH TO COMMAND ALTITUDE SENSITIVE ALT SCALE COMMAND MARK IS SET SIMULTANEOUSLY	2				

PAGE 92
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1040208	SENSITIVE ALT SCALE-COPILOT	1 2 3 4	23	INDEX MARKINGS EVERY 500 FT, NUMERICAL MARKINGS EVERY 1000 FT DOWNWARD MOVEMENT OF SCALE INDICATES AN INCR IN A-V ALTITUDE UPWARD MOVEMENT OF SCALE INDICATES A DECR IN A-V ALTITUDE THIS IS A MOVING SCALE	4	1	
F01040209	SENSITIVE ALT SCALE MKR-COP	1 2 3 4 5	34	YELLOW BAR BLACK CENTERLINE POSITIONED HORIZONTALLY IN FRONT OF SENSITIVE ALTITUDE SCALE SET MANUALLY WITH COMMAND ALTITUDE SLEW SWITCH SUPERIMPOSED OVER COMMAND VALUE AND TRACKS COMMAND VALUE THIS IS A MARKER	15	2	
F01040210	SENSITIVE ALT SCALE INDEX-COP	1 2 3 4	1	ALTITUDE OF A-V READ UNDER INDEX LINE FROM SENSITIVE ALTITUDE SCALE FIXED WHITE LINE - AN INDEX LINE LOCATED APPROX AT MIDPOINT OF VISIBLE PORTION OF SENSITIVE ALTITUDE SCALE	34	1	
F01040211	PWR OFF-ALT FAIL FLAG-COPILOT	1 2 3 4 5 6 7 8 9	769	INDICATES AVVI FAILURE, ELECTRICAL POWER FAILURE, RECEIPT OF INVALID DATA, OR LOSS OF DATA ADC FAILURE WILL BE INDICATED BY ILLUMINATION OF ADC 1 OR ADC 2 INDICATORS FOR AVVI FAILURE STANDBY ALTIMETER USED FOR INFORMATION BLACK 'OFF' ON RED BACKGROUND SELECT OTHER COMPUTER IF ADC COMPUTER FAILS-CHECK AVVI INSTRUMENT IF COMPUTERS DON'T FAIL-USE OTHER AVVI OR STANDBY ALTIMETER IF FAILURE IS IN INSTRUMENT	6	1	
F01040212	VERNIER ALTITUDE SCALE-COP	1 2 3 4 5	23	CALIBRATED IN 50 FOOT GRADUATIONS WITH 100 FOOT INDICES ALTITUDE OF A-V IS READ UNDER VERNIER ALT SCALE INDEX LINE LOCATED AT MIDPOINT OF THE VISIBLE PORTION OF SCALE FIXED WHITE INDEX LINE POSITIONED HORIZONTALLY IN FRONT OF SCALE THIS IS A MOVING SCALE	45	1	
F01040213	VERNIER ALT SCALE INDEX-COP	1 2 3 4 5	12345	A FIXED WHITE INDEX LINE POSITIONED HORIZONTALLY IN FRONT OF VERNIER ALTITUDE SCALE AT APPROXIMATELY THE MID-POINT OF THE VISIBLE PORTION OF THE SCALE-ADJACENT TO AND IN-LINE WITH THE SENSITIVE ALTITUDE SCALE INDEX LINE-ALTITUDE OF THE A-V IS READ UNDER THE VERNIER ALTITUDE SCALE INDEX LINE FROM THE VERNIER ALTITUDE SCALE.	1	456789	
F01040214	ALTITUDE RATE MOV SCALE-COP	1 2 3 4 5 6 7 8 9	23	(1-2 TO +4000FPM)-A MOVING SCALE TO INDICATE ALTITUDE RATE (VERTICAL VELOCITY) IN RANGE OF 2000 TO 40000 FPM. WHEN VERT VELOC LT 2000 FPM SCALE (TAPE) IS BLANK (BLACK) SCALE FACTOR-TAPE READOUT SCALE FACTOR VERTICAL VELOCITY 2000-4000 FPM 4000-10000 FPM 10000-40000 FPM	1	456789	

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
ALT RATE FIXED SCALE-COP	12 1 PROVIDES FOR LOW-RANGE READOUT OF VERTICAL VELOCITY FROM ZERO TO 1500 FPM FOR BOTH ASCENT AND DESCENT 2 ZERO PT IS MIDPOINT OF SCALE. MAJOR INDICES AT 500 FT INCREMENTS, MINOR INDICES AT 100 FT INCREMENTS 3 THIS IS A FIXED SCALE 4 5 123				5 34	
ALT RATE MOV INDEX-COPILOT	1 INDICATES VERTICAL VELOCITY FROM ZERO TO 1500 FPM 2 WHEN VERT VELOC IN RANGE OF 2000 TO 4000 INDEX IS INSTALLED ADJACENT TO ALTITUDE RATE MOVING SCALE TO INDICATE ACTIVATION OF HIGH RANGE 3 THIS IS A POINTER 4 5 123				4	
ALT RATE MOV SCALE-COPILOT	1 (2 TO 4000 FPM) - A MOVING SCALE 2 TO INDICATE ALTITUDE RATE (VERTICAL VELOCITY) IN RANGE OF -2000 TO 4000 FPM 3 WHEN VERT VELOC LT 2000 FPM SCALE (TAPE) IS BLANK (BLACK) 4 SCALE FACTOR-TAPE READOUT 5 VERTICAL VELOCITY SCALE FACTOR 6 2000-4000 FPM 1000FPM-DIVISION 7 4000-10000 FPM 2000FPM-DIVISION 8 10000-40000 FPM 5000FPM-DIVISION 12				1 1 345678 4	
FLIGHT DIRECTOR CONTROL PANEL	1 PROVIDE CONTROL OF TWO FDC-MGN UNITS WHICH ACCEPT AVIONICS, FLIGHT CONTROL AND OTHER INPUTS TO SUPPLY STEERING COMMANDS FOR 11 MODES LOCATED DIRECTLY BELOW HSI 2 THIS IS A UNIT 3 4 5 6 7 8 12					
MODE SWITCH-FLT DIR	1 POSITIONS=OFF, MANHDG, NAV, TACAN, ILS, TRK RNDVS, AILA, ILS-BC. 1 UNUSED 2 USED TO SELECT MAJOR MODES OF FDC-MGN 3 MODES SUPPLY STEERING COMMANDS FROM DIFFERENT SOURCES 4 9 POS ROTARY SWITCH 1				4 13	
ALT REF-TER FLW SWITCH	1 PROVIDES FOR SELECTION OF ALTERNATE REFERENCE AND TERRAIN FOLLOWING IN ALT REF POSITION STEERING COMMANDS ARE PRESENTED TO MAINTAIN ALTITUDE AT WHICH A-V WAS FLYING WHEN POSITION WAS SELECTED 2 IN TER FLW POSITION STEERING COMMANDS ARE PRESENTED TO MAINTAIN A/V AT PRE-SELECTED ALTITUDE (ABSOLUTE) ABOVE THE TERRAIN 3 5 POS TUGGLE SWITCH 4 5 6 12				6 2345	
FLT DIR CONTROL PNL-PILOT	1 PROVIDE CONTROL OF TWO FDC-MGN UNITS WHICH ACCEPT AVIONICS, FLIGHT CONTROL AND OTHER INPUTS TO SUPPLY STEERING COMMANDS FOR 11 MODES LOCATED DIRECTLY BELOW HSI 2 THIS IS A UNIT 3 4 5 6 12				4	
FLT DIR MODE SWITCH-PILOT	1 POSITIONS=OFF, MANHDG, NAV, TACAN, ILS, TRK RNDVS, AILA, ILS-BC. 1 UNUSED 2 USED TO SELECT MAJOR MODES OF FDC-MGN 3 MODES SUPPLY STEERING COMMANDS FROM DIFFERENT SOURCES 4 9 POS ROTARY SWITCH 1				4 13	
ALT REF-TER FLW SW-PILOT	1 PROVIDES FOR SELECTION OF ALTERNATE REFERENCE AND TERRAIN FOLLOWING IN ALT REF POSITION STEERING COMMANDS ARE PRESENTED TO MAINTAIN ALTITUDE AT WHICH A-V WAS FLYING WHEN POSITION WAS SELECTED 2 IN TER FLW POSITION STEERING COMMANDS ARE PRESENTED TO MAINTAIN A/V AT PRE-SELECTED ALTITUDE (ABSOLUTE) ABOVE THE TERRAIN 3 5 POS TUGGLE SWITCH 4 5 6 12				6 2345	

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC10502		12	3	4			PROVIDE CONTROL OF TWO FDC-MON UNITS WHICH ACCEPT AVIONICS, FLIGHT CONTROL AND OTHER INPUTS TO SUPPLY STEERING COMMANDS FOR 11 MODES LOCATED DIRECTLY BELOW HSI THIS IS A UNIT
FC1050201		1 2 3 4					1 POSITIONS=OFF,MANHDG,NAV,TACAN,ILS,TKN WDOVS,AILA,ILS-BC. 1 UNUSED USED TO SELECT MAJOR MODES OF FDC-MON 2 MODES SUPPLY STEERING COMMANDS FROM DIFFERENT SOURCES 3 POS ROTARY SWITCH
FC1050202		1 2 3 4					1 PROVIDES FOR SELECTION OF ALTERNATE REFERENCE AND TERRAIN FOLLOWING IN ALT REF POSITION STEERING COMMANDS ARE PRESENTED TO MAINTAIN ALTITUDE AT WHICH A-V WAS FLYING WHEN POSITION WAS SELECTED 2 IN TER FLW POSITION STEERING COMMANDS ARE PRESENTED TO MAINTAIN A/V AT PRE-SELECTED ALTITUDE (ABSOLUTE) ABOVE THE TERRAIN 3 POS TOGGLE SWITCH
FC1050301	7	1 2 3 4 5 6					1 INDICATES OUT-OF-TOLERANCE CONDITION OR FAILURE WITHIN FDC-MON 1 2 MASTER CAUTION SWITCHLIGHTS ILLUMINATE 3 ILLUMINATES TO INDICATE VALID SELF-TEST ON FDC-MON 1 4 INITIAL PRESENTATION IS FLASHING UNTIL ONE OF MASTER CAUTION SWITCH-LIGHTS IS ACTUATED, AFTER WHICH INDICATORS ILLUMINATE STEADY 5 CAUTION LIGHT 6 NO ACTION IF FAILURE IS INTENTIONALLY INDUCED BY PILOT FDC TEST
FC1050302	7S	1 2 3 4 5 6 7					1 INDICATES OUT-OF-TOLERANCE CONDITION OR FAILURE WITHIN FDC-MON 2 2 MASTER CAUTION SWITCHLIGHTS ILLUMINATE 3 ILLUMINATES TO INDICATE VALID SELF-TEST ON FDC-MON 2 4 INITIAL PRESENTATION IS FLASHING UNTIL ONE OF MASTER CAUTION SWITCH-LIGHTS IS ACTUATED, AFTER WHICH INDICATORS ILLUMINATE STEADY 5 CAUTION LIGHT 6 NO ACTION REQUIRED IF FAILURE IS INTENTIONALLY INDUCED BY PILOT VSD TEST
FC1050401	8	1 2 3 4 5 6 7 8					1 ILLUMINATES TO INDICATE LOSS OF REDUNDANCY FOR TERRAIN FOLLOWING AUTOMATIC FLY-UP PROTECTION I.E. ONE ALT REF-TER FLW SWITCH IS NOT SET TO TER FLW POSITION 2 MASTER CAUTION SWITCHLIGHTS ILLUMINATE 3 INITIAL PRESENTATION IS FLASHING UNTIL ONE OF MASTER CAUTION SWITCH-LIGHTS IS ACTUATED, AFTER WHICH INDICATORS ILLUMINATE STEADY 4 CAUTION LIGHT 5 PLACE THE OTHER ALT REF-TER FLW SWITCH TO TER FLW POSITION 6 ILLUMINATES TO INDICATE LOSS OF TERRAIN-FOLLOWING AUTOMATIC FLY-UP PROTECTION 7 PILOT-COPILOT MUST IMMEDIATELY TAKE OVER AND FLY A-V MANUALLY 8 MASTER CAUTION SWITCHLIGHTS ILLUMINATE-ACTUATION TERMINATES FLASHING CAUTION LIGHT IMMEDIATELY ASSUME MANUAL CONTROL OF TERRAIN FOLLOWING
FC1050402	6	1 2 3 4 5 6					1 ILLUMINATES TO INDICATE LOSS OF REDUNDANCY FOR TERRAIN FOLLOWING AUTOMATIC FLY-UP PROTECTION 2 PILOT-COPILOT MUST IMMEDIATELY TAKE OVER AND FLY A-V MANUALLY 3 MASTER CAUTION SWITCHLIGHTS ILLUMINATE-ACTUATION TERMINATES FLASHING CAUTION LIGHT 4 IMMEDIATELY ASSUME MANUAL CONTROL OF TERRAIN FOLLOWING

PAGE 95
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FO105050X	5	1 2 3 4 5	APRCH ARM INDICATOR	123 WHEN MODE SWITCH ON FLT DIR PANEL=ILS,AILA,OR ILS-BC AND CIRCUITRY AND EQUIP ASSOCIATED WITH FDC-MON IS READY TO 'FLY' SELECTED APPROACH MODE, INDICATOR ILLUMINATES ADVISORY LIGHT-GREEN NONE	4		
FO1050501	5	1 2 3 4 5	APRCH ARM INDICATOR-PILOT	123 WHEN MODE SWITCH ON FLT DIR PANEL=ILS,AILA,OR ILS-BC AND CIRCUITRY AND EQUIP ASSOCIATED WITH FDC-MON IS READY TO 'FLY' SELECTED APPROACH MODE, INDICATOR ILLUMINATES ADVISORY LIGHT-GREEN NONE	4		
FO1050502	5	1 2 3 4 5	APRCH ARM INDICATOR-COPILOT	123 WHEN MODE SWITCH ON FLT DIR PANEL=ILS,AILA,OR ILS-BC AND CIRCUITRY AND EQUIP ASSOCIATED WITH FDC-MON IS READY TO 'FLY' SELECTED APPROACH MODE, INDICATOR ILLUMINATES ADVISORY LIGHT-GREEN NONE	4		
FO1060X			FLT INST TEST AND MODES PANEL				
FO1060X01		1 2 3 4	PLATFORM SELECT SWITCH	14 SELECT SOURCE OF HEADING DATA SUPPLIED TO HSI WHEN VALUE=INRTL, INFORMATION TO HSI IS FROM AVIONICS IMU WHEN VALUE=GSS, INFORMATION TO HSI IS FROM GSS PILOTS AND COPILOTS SWITCHES CAN BE USED TOGETHER TO COMPARE HSI 2 POS ROTARY SWITCH 1234	5	23	
FO1060X03		1 2 3 4 5 6	AIR DATA COMPUTER TEST SWITCH	12345 PROVIDES CAPABILITY TO PERFORM SELF-TEST ON ADC(1+2) IN HIGH AND LOW TEST MODE WHEN COMPUTER IS AT NORMAL AMBIENT GROUND-LEVEL CONDITION IN EITHER HIGH OR LOW TEST MODE, THE AMI, AVVI AND GS-TAS INDICATORS DISPLAY SELF TEST OUTPUT PARAMETERS FROM THE ADC SPRING-LOADED TO CENTER 3 POS TOGGLE SWITCH 12345	56	34	
FO1060X04		1 2 3 4 5 6	VSI TEST SWITCH	12345 USED TO VERIFY THAT AMI AND AVVI TAPES ARE OPERATING PROPERLY WHEN SWITCH IS DEPRESSED, VSI SELF-TEST CIRCUITRY IS ENERGIZED. FAIL SIGNAL IS PROVIDED TO CITS AND OFF FLAGS (AMI,AVVI) ARE ACTUATED TO INDICATE THAT DISPLAYED VALUES ARE NOT INFLIGHT VALUES. SELF-TEST INDICATES VALIDITY OF INSTRUMENTS NOT OF INPUTS PUSHBUTTON SWITCH 12345	6		
FO1060X05		1 2 3 4 5 6	FDC TEST SWITCH	12345 USED TO SIMULATE FAILURE IN FDC-MON TO VERIFY CAPABILITY OF INTERNAL CONTINUOUS MONITOR CIRCUIT TO DETECT FAILURES IF SIMULATED FAILURE IS DETECTED, MASTER CAUTION SWITCHLIGHTS ILLUMINATE STEADY, FLT DIR 1 OR 2 ILLUMINATES FLASHING, AND APRCH ARM IS EXTINGUISHED, IF ILLUMINATED PUSHBUTTON SWITCH	6		

PAGE 96 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPL	*VALUS
FC106006	ROTATION GO-AROUND TEST SWITCH	1 2 3	12				3	
					USED TO MANUALLY INITIATE A SELF-TEST OF RGA-ADA-AVL (RGA) COMPUTER DURING GROUND OPERATIONS AND 'GO AROUND' FUNCTIONS DURING INFLIGHT OP. PUSHBUTTON SWITCH			
FC106001	FLT INST TEST, MODELS PANEL-PIL	1 2 3 4	123				4	
					FOR INITIATION OF SELF-TEST CIRCUITS OF AMI, AVVI, TOTAL TEMP IND, FDC-MON, ADC, AND RGA-ADA-AVL ALSO PROVIDES FOR SELECTION DATA FROM EITHER GSS OR IMU THIS IS A UNIT			
FC1060101	PLATFORM SELECT SWITCH-PIL	1 2 3 4 5	14				5	23
					SELECT SOURCE OF HEADING DATA SUPPLIED TO HSI WHEN VALUE=INRTL, INFORMATION TO HSI IS FROM AVIONICS IMU WHEN VALUE=GSS, INFORMATION TO HSI IS FROM GSS PILOTS AND COPILOTS SWITCHES CAN BE USED TOGETHER TO COMPARE HSI'S 2 POS ROTARY SWITCH			
FC1060102	ADC RGA SWITCH-PILOT	1 2 3 4 5 6 7	12 1234				6 7	345
					SELECT EITHER 1 OR 2 ADC AND RGA-ADA-AVL (ADC-RGA) COMPUTERS AS INFO SOURCE FOR FLIGHT INSTRUMENTS WHEN VALUE=NORM 1 INFO SOURCE FOR AMI, AVVI, VSC, AND ADA IND IS NO. 1 ADC-RGA COMPUTERS. WHEN VALUE=ALTER 2 INFO SOURCE IS NO. 2 ADC/RGA COMPUTERS FOR ACCESS TO COPILOTS ADC RGA SWITCH USE ADC RGA SWITCH-COPILOT 2 POS ROTARY SWITCH			
FC1060103	ADC TEST SWITCH-PILOT	1 2 3 4 5 6	12345				56	34
					PROVIDES CAPABILITY TO PERFORM SELF-TEST ON ADC(1+2) IN HIGH AND LOW TEST MODE WHEN COMPUTER IS AT NORMAL AMBIENT GROUND-LEVEL CONDITION IN EITHER HIGH OR LOW TEST MODE, THE AMI, AVVI AND GS-TAS INDICATORS DISPLAY SELF TEST OUTPUT PARAMETERS FROM THE ADC SPRING-LOADED TO CENTER 3 POS TOGGLE SWITCH			
FC1060104	VSI TEST SWITCH-PILOT	1 2 3 4 5 6	12345				6	
					USED TO VERIFY THAT AMI AND AVVI TAPES ARE OPERATING PROPERLY WHEN SWITCH IS DEPRESSED, VSI SELF-TEST CIRCUITRY IS ENERGIZED. FAIL SIGNAL IS PROVIDED TO CITS AND OFF FLAGS (AMI, AVVI) ARE ACTUATED TO INDICATE THAT DISPLAYED VALUES ARE NOT INFLIGHT VALUES. SELF-TEST INDICATES VALIDITY OF INSTRUMENTS NOT OF INPUTS PUSHBUTTON SWITCH			
FC1060105	FDC TEST SWITCH-PILOT	1 2 3 4 5 6	12345				6	
					USED TO SIMULATE FAILURE IN FDC-MON TO VERIFY CAPABILITY OF INTERNAL CONTINUOUS MONITOR CIRCUIT TO DETECT FAILURES IF SIMULATED FAILURE IS DETECTED, MASTER CAUTION SWITCHLIGHTS ILLUMINATE STEADY, FLT DIR 1 OR 2 ILLUMINATES FLASHING, AND APRCH ARM IS EXTINGUISHED, IF ILLUMINATED PUSHBUTTON SWITCH			
FC1060106	RGA TEST SWITCH-PILOT	1 2 3	12				3	
					USED TO MANUALLY INITIATE A SELF-TEST OF RGA-ADA-AVL (RGA) COMPUTER DURING GROUND OPERATIONS AND 'GO AROUND' FUNCTIONS DURING INFLIGHT DP. PUSHBUTTON SWITCH			

PAGE 97 CCDE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F0106022	FLT INST TEST, MODELS PANEL-COP		123				4	
		1	FOR INITIATION OF SELF-TEST CIRCUITS OF AMI, AVVI, TOTAL TEMP IND, FDC-MON, ADC, AND RGA-AGA-AVL					
		2	ALSO PROVIDES FOR SELECTION DATA FROM EITHER GSS OR IMU					
		4	THIS IS A UNIT					
FC1060201	PLATFORM SELECT SWITCH-COP		14				5	23
		1	SELECT SOURCE OF HEADING DATA SUPPLIED TO MSI					
		2	WHEN VALUE=INRTL, INFORMATION TO MSI IS FROM AVIONICS IMU					
		3	WHEN VALUE=GSS, INFORMATION TO MSI IS FROM GSS					
		4	PILOTS AND COPILOTS SWITCHES CAN BE USED TOGETHER TO COMPARE MSIS					
		5	2 POS ROTARY SWITCH					
F01060202	ADC RGA SWITCH-COPILOT		12				7	345
		1	SELECT EITHER 1 OR 2 ADC AND RGA-AGA-AVL(ADC-RGA) COMPUTERS AS INFO					
		2	SOURCE FOR FLIGHT INSTRUMENTS					
		3	WHEN VALUE=NORM 2 INFO SOURCE FOR AMI, AWI, VSD, AND ADA IND IS NO. 2					
		4	ADC-RGA COMPUTERS. WHEN VALUE=ALTER 1 INFO SOURCE IS NO.1 ADC-RGA					
		5	COMPUTERS					
		6	PILOT ADC RGA SWITCH IS NAMED ADC RGA SWITCH-PILOT					
		7	2 POS ROTARY SWITCH					
F01060203	ADC TEST SWITCH-COPILOT		1234				50	34
		1	PROVIDES CAPABILITY TO PERFORM SELF-TEST ON ADC(1+2) IN HIGH AND LOW					
		2	TEST MODE WHEN COMPUTER IS AT NORMAL AMBIENT GROUND-LEVEL CONDITION					
		3	IN EITHER HIGH OR LOW TEST MODE, THE AMI, AVVI AND GS-TAS INDICATORS					
		4	DISPLAY SELF TEST OUTPUT PARAMETERS FROM THE ADC					
		5	SPRING-LOADED TO CENTER					
		6	3 POS TOGGLE SWITCH					
F01060204	VSI TEST SWITCH-COPILOT		12345				6	
		1	USED TO VERIFY THAT AMI AND AVVI TAPES ARE OPERATING PROPERLY					
		2	WHEN SWITCH IS DEPRESSED, VSI SELF-TEST CIRCUITRY IS ENERGIZED. FAIL					
		3	SIGNAL IS PROVIDED TO CITS AND OFF FLAGS (AMI, AVVI) ARE ACTUATED TO					
		4	INDICATE THAT DISPLAYED VALUES ARE NOT INFLIGHT VALUES.					
		5	SELF-TEST INDICATES VALIDITY OF INSTRUMENTS NOT OF INPUTS					
		6	PUSHBUTTON SWITCH					
F01060205	FDC TEST SWITCH-COPILOT		12345				6	
		1	USED TO SIMULATE FAILURE IN FDC-MON TO VERIFY CAPABILITY OF INTERNAL					
		2	CONTINUOUS MONITOR CIRCUIT TO DETECT FAILURES					
		3	IF SIMULATED FAILURE IS DETECTED, MASTER CAUTION SWITCHLIGHTS					
		4	ILLUMINATE STEADY, FLT DIR 1 OR 2 ILLUMINATES FLASHING, AND APRCH ARM					
		5	IS EXTINGUISHED, IF ILLUMINATED					
		6	PUSHBUTTON SWITCH					
F01060206	RGA TEST SWITCH-COPILOT		12				3	
		1	USED TO MANUALLY INITIATE A SELF-TEST OF RGA-AGA-AVL (RGA) COMPUTER					
		2	DURING GROUND OPERATIONS AND 'GO AROUND' FUNCTIONS DURING INFLIGHT OP.					
		3	PUSHBUTTON SWITCH					
F010603010X	RGA CAUTION INDICATOR	67	1234				5	
		1	ILLUMINATES TO INDICATE INVALID SIGNALS, INTERNAL OUT-OF-TOLERANCE					
		2	CONDITIONS OR OUTPUT SIGNAL CONDITIONING DISCREPANCIES DETECTED BY					
		3	CONTINUOUS MONITOR WITHIN (NO.1 OR 2) RGA-AGA-AVL COMPUTER					
		4	WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		5	CAUTION LIGHT-YELLOW					
		6	WHICHEVER CREWMAN HAS SELECTED NO.1 ON ADC-RGA SWITCH SHOULD SELECT					
		7	NO.2 SO THAT COMPUTER NO.2 IS BEING USED AND COMPUTER NO.1 IS OFFLINE					

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FG106030101	67	1 2 3 4 5 6 7	RGA CAUTION INDICATOR-1	1234 ILLUMINATES TO INDICATE INVALID SIGNALS, INTERNAL CUT-OFF-TOLERANCE CONDITIONS OR OUTPUT SIGNAL CONDITIONING DISCREPANCIES DETECTED BY CONTINUOUS MONITOR WITHIN (NO.1 OR 2) RGA-ADA-AVL COMPUTER WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT-YELLOW WHICHEVER CREWMAN HAS SELECTED NO.1 ON ADC-RGA SWITCH SHOULD SELECT NO.2 SO THAT COMPUTER NO.2 IS BEING USED AND COMPUTER NO.1 IS OFFLINE			
FG106030102	67	1 2 3 4 5 6 7	RGA CAUTION INDICATOR-2	1234 ILLUMINATES TO INDICATE INVALID SIGNALS, INTERNAL CUT-OFF-TOLERANCE CONDITIONS OR OUTPUT SIGNAL CONDITIONING DISCREPANCIES DETECTED BY CONTINUOUS MONITOR WITHIN (NO.1 OR 2) RGA-ADA-AVL COMPUTER WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT-YELLOW WHICHEVER CREWMAN HAS SELECTED NO.1 ON ADC-RGA SWITCH SHOULD SELECT NO.2 SO THAT COMPUTER NO.2 IS BEING USED AND COMPUTER NO.1 IS OFFLINE			
FG10603020X	56	1 2 3 4 5 6 7	ADC CAUTION INDICATOR	123 ILLUMINATES TO INDICATE UNREASONABLE INPUT, POWER LOSS, OR INTERNAL FAILURE WITHIN (NO.1 OR 2) ADC DETECTED BY CONTINUOUS INTERNAL MON. WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT-YELLOW WHICHEVER CREWMAN HAS SELECTED NO.1 ON ADC-RGA SWITCH SHOULD SELECT NO.2 SO THAT COMPUTER NO.2 IS BEING USED AND COMPUTER NO.1 IS OFFLINE			
FG106030201	56	1 2 3 4 5 6	ADC CAUTION INDICATOR-1	123 ILLUMINATES TO INDICATE UNREASONABLE INPUT, POWER LOSS, OR INTERNAL FAILURE WITHIN (NO.1 OR 2) ADC DETECTED BY CONTINUOUS INTERNAL MON. WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT-YELLOW WHICHEVER CREWMAN HAS SELECTED NO.1 ON ADC-RGA SWITCH SHOULD SELECT NO.2 SO THAT COMPUTER NO.2 IS BEING USED AND COMPUTER NO.1 IS OFFLINE			
FG106030202	56	1 2 3 4 5 6	ADC CAUTION INDICATOR-2	123 ILLUMINATES TO INDICATE UNREASONABLE INPUT, POWER LOSS, OR INTERNAL FAILURE WITHIN (NO.1 OR 2) ADC DETECTED BY CONTINUOUS INTERNAL MON. WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT-YELLOW WHICHEVER CREWMAN HAS SELECTED NO.1 ON ADC-RGA SWITCH SHOULD SELECT NO.2 SO THAT COMPUTER NO.2 IS BEING USED AND COMPUTER NO.1 IS OFFLINE			
FG106040X01	89	1 2 3 4 5 6 7 8 9	STALL WARNING INDICATOR	1235 INDICATES APPROACHING STALL CONDITION DETERMINED BY RGA-ADA-AVL COMP. FLIGHT CONTROL STICK SHAKER AND MASTER WARNING AUDIO TONE ENERGIZED SIMULTANEOUSLY COLOR-RED-WARNING LIGHT REMAINS ENERGIZED UNTIL STALL WARNING INDICATOR IS NAME FOR PILOTS STALL WARNING INDICATOR AND COPILOTS STALL WARNING INDICATOR CHANGE AIR VEHICLE ANGLE-UP-ATTACK-AIRSPEED. TONE SOUNDS UNTIL THE SITUATION IS CORRECTED OR MSTR AUDIO CUTOFF BUTTON IS DEPRESSED			

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC106040102 REDUCE SPEED WARNING INDICATOR	676	12	45			35	
		1					ILLUMINATES WHENEVER A-V LIMIT SPEED IS REACHED OR EXCEEDED
		2					REDUCE SPEED AUDIO TONE ENERGIZED SIMULTANEOUSLY
		3					COLOR-RED
		4					REDUCE SPEED WARNING INDICATOR INCLUDES COPILOTS REDUCE SPEED
		5					WARNING INDICATOR
		6					REDUCE AIR VEHICLE VELOCITY
		7					ONE SOUNDS UNTIL SITUATION IS CORRECTED OR MSTR AUDIO CUTOFF BUTTON
		8					IS DEPRESSED
FC106040101 STALL WARN INDICATOR-PILOT	89	1235	67			4	
		1					INDICATES APPROACHING STALL CONDITION DETERMINED BY RGA-AAA-AVL COMP.
		2					FLIGHT CONTROL STICK SHAKER AND MASTER WARNING AUDIO TONE ENERGIZED
		3					SIMULTANEOUSLY
		4					COLOR-RED-WARNING LIGHT
		5					REMAINS ENERGIZED UNTIL CONDITION CORRECTED
		6					STALL WARNING INDICATOR IS NAME FOR PILOTS STALL WARNING INDICATOR AND
		7					COPILOTS STALL WARNING INDICATOR
		8					CHANGE AIR VEHICLE ANGLE-OF-ATTACK-AIRSPEED. TONE SOUNDS UNTIL THE
		9					SITUATION IS CORRECTED OR MSTR AUDIO CUTOFF BUTTON IS DEPRESSED
		12				35	
FC106040102 REDUCE SPEED WARN IND-PILOT	676	12	45			35	
		1					ILLUMINATES WHENEVER A-V LIMIT SPEED IS REACHED OR EXCEEDED
		2					REDUCE SPEED AUDIO TONE ENERGIZED SIMULTANEOUSLY
		3					COLOR-RED
		4					REDUCE SPEED WARNING INDICATOR INCLUDES COPILOTS REDUCE SPEED
		5					WARNING INDICATOR
		6					REDUCE AIR VEHICLE VELOCITY
		7					ONE SOUNDS UNTIL SITUATION IS CORRECTED OR MSTR AUDIO CUTOFF BUTTON
		8					IS DEPRESSED
FC106040201 STALL WARN INDICATOR-COPILOT	89	1235	67			4	
		1					INDICATES APPROACHING STALL CONDITION DETERMINED BY RGA-AAA-AVL COMP.
		2					FLIGHT CONTROL STICK SHAKER AND MASTER WARNING AUDIO TONE ENERGIZED
		3					SIMULTANEOUSLY
		4					COLOR-RED-WARNING LIGHT
		5					REMAINS ENERGIZED UNTIL CONDITION CORRECTED
		6					STALL WARNING INDICATOR IS NAME FOR PILOTS STALL WARNING INDICATOR AND
		7					COPILOTS STALL WARNING INDICATOR
		8					CHANGE AIR VEHICLE ANGLE-OF-ATTACK-AIRSPEED. TONE SOUNDS UNTIL THE
		9					SITUATION IS CORRECTED OR MSTR AUDIO CUTOFF BUTTON IS DEPRESSED
		12				35	
FC106040202 REDUCE SPEED WARN IND-COPILOT	676	12	45			35	
		1					ILLUMINATES WHENEVER A-V LIMIT SPEED IS REACHED OR EXCEEDED
		2					REDUCE SPEED AUDIO TONE ENERGIZED SIMULTANEOUSLY
		3					COLOR-RED
		4					REDUCE SPEED WARNING INDICATOR INCLUDES COPILOTS REDUCE SPEED
		5					WARNING INDICATOR
		6					REDUCE AIR VEHICLE VELOCITY
		7					ONE SOUNDS UNTIL SITUATION IS CORRECTED OR MSTR AUDIO CUTOFF BUTTON
		8					IS DEPRESSED

PAGE 100 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1060501	GSS CAUTION INDICATOR	07	1234 1 ILLUMINATES TO INDICATE OUT-OF-TOLERANCE OR FAILURE CONDITION WITHIN GSS 2 IF FAILURE OCCURS IN FLIGHT PILOT MAY PERFORM CITS CHECK TO LOCATE WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 CAUTION LIGHT 4 PILOT-COPILOT CHECK HSI'S FOR COURSE DEVIATION WARNING FLAG. IF FLAG IS IN VIEW, POSITION HDG SWITCH TO INRTL POSITION 5 6 7					
FC106050201	INRTL 1 CASE ALIGN INDICATOR	6	124 1 ILLUMINATES WHENEVER IMU 1 POWER IS OFF AND DURING IMU 2 CASE ALIGNMENT PROCEDURES 2 LEGEND READS "INRTL 1 CASE ALIGN" 3 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 4 CAUTION LIGHT 5 6					
FC106050202	INRTL 1 ATTD REF INDICATOR	5	235 1 LEGEND READS "INRTL 1 ATTD REF" 2 ILLUMINATES WHENEVER INRTL 1 CASE ALIGN INDICATOR IS ILLUMINATED AND WHEN IMU 1 ACCURACY LIMITS EXCEED 1 DEGREE (GSS AVAILABLE) 3 CAUTION LIGHT 4 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 5 6					
FC106050301	INRTL 2 CASE ALIGN INDICATOR	6	124 1 ILLUMINATES WHENEVER IMU 2 POWER IS OFF AND DURING IMU 1 CASE ALIGNMENT PROCEDURES 2 LEGEND READS "INRTL 2 CASE ALIGN" 3 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 4 CAUTION LIGHT 5 6					
FC106050302	INRTL 2 ATTD REF INDICATOR	6	235 1 LEGEND READS "INRTL 2 ATTD REF" 2 ILLUMINATES WHENEVER INRTL 2 CASE ALIGN INDICATOR IS ILLUMINATED AND WHEN IMU 2 ACCURACY LIMITS EXCEED 1 DEGREE (GSS AVAILABLE) 3 CAUTION LIGHT 4 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 5 6					
FC10701	RADAR ALTIMETER INDICATOR		34 1 UNIT-FIXED SCALE MOVING POINTER 2 INCREMENTS-10 FT (0-200), 50 FT (200-2000), 500 FT (2000-5000) 3 INDICATES CURRENT RADAR ALTITUDE FROM 0-5000 FT 4 UNRELIABLE OPERA. CAUSES POINTER TO GO BEHIND MASKED PORTION OF DIAL 5 6					
FC1070101	FIXED SCALE		1234 1 GRADUATED IN INCREMENTS OF 10-FEET FROM ZERO TO 200 FEET; IN 50-FOOT INCREMENTS FROM 200 TO 2000 FEET; AND 500-FOOT INCREMENTS FROM 2000 TO 5000 FEET. SCALE IS CIRCULAR AND CONSISTS OF WHITE INDEX AND NUMERAL MARKINGS ON A BLACK BACKGROUND. 2 3 4					
FC1070102	MOVING POINTER		1234 1 INDICATES CURRENT RADAR ALTITUDE FROM ZERO TO 5000-FEET. ALTITUDE IS READ FROM THE FIXED SCALE OPPOSITE THE POINTER TIP. POINTER IS WHITE. UNRELIABLE OPERATION OF THE RADAR ALTIMETER CAUSES THE POINTER TO GO BEHIND THE MASKED PORTION OF THE INDICATOR DIAL. 2 3 4					

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1070103 SELF-TEST VALID LIGHT		123 1 ILLUMINATES WHEN POWER-SET-TEST KNOB IS DEPRESSED AND SYSTEM SELF-TEST CIRCUITS PROVIDE AN INDICATOR ALTITUDE SIGNAL WITHIN 100 (+OR-10) FT LIMIT TO ASSURE INSTRUMENT VALIDITY 2 LOCATED LOWER LEFT OF ALTIMETER NEAR 80 FT INDEX MARKER 345	4				
FC1070104 LOW ALTITUDE WARNING LIGHT	6	1 WARNING LT-RED IN COLOR 2 LOCATED UPPER RIGHT OF ALTIMETER NEAR 1300 FT INDEX MARKER 3 ILLUMINATES WHENEVER A-V DESCENDS TO OR BELOW PRE-SELECTED ALTITUDE SET BY VARIABLE ALTITUDE INDEX MARKER AND POWER-SET-TEST PRESENTLY NOT USED ON E-1 4 5 6 N-A	2			1	
FC1070105 OFF FLAG	6	123 1 INDICATE EITHER 1) POWER REMOVED FROM SYSTEM, 2) SIGNAL STRENGTH INADEQUATE FOR RELIABLE ALTITUDE INFORMATION 3) A-V HIGHER THAN 5000 FT 4) PITCH AND ROLL LIMITS OF RADAR ALTIMETER SYS. EXCEEDED 2 OFF FLAG-BLACK MARKINGS ON WHITE BACKGROUND 3 LOCATED AT TOP CENTER OF RADAR ALTIMETER 4 USE STBY ALTITUDE INDICATOR AND AMI AS INFORMATION SOURCE 5 6 7 8 9 10 11 12	5			4	
FC1070106 POWER-SET-TEST CONTROL KNOB		1 ROTATING KNOB SETS VARIABLE ALTITUDE INDEX MARK TO DESIRED MINIMUM DECISION ALTITUDE. PRESSING KNOB ACTUATES SELF-TEST CIRCUIT 2 3 KNOB 4 5 6 7 8 9 10 11 12	3			3	
FC1070107 VARIABLE ALTITUDE INDEX MARKER		1 SET WITH POWER-SET-TEST KNOB TO MINIMUM DECISION ALTITUDE DESIRED FOR ILS LANDING 2 3 INDEX MARKER 4 5 6 7 8 9 10 11 12				3	
FC10702 RADAR ALTIMETER CONTROL PANEL		1 CONTROLS DUAL RADAR ALTIMETER TRANSMITTERS-RECEIVERS AND RADAR ALTIMETER INDICATOR 2 3 UNIT 4 5 6 7 8 9 10 11 12				1	
FC1070201 LOW ALT FLYUP EM INDICATOR		1 ELECTROMECHANICAL INDICATOR 2 PROVIDES POSITIVE INDICATION THAT BOTH LOW ALT FLY UP CIRCUITS OF TFR ARE OPERATIONAL-OPERATES IN CONJUNCTION WITH TEST PUSHBUTTON WHEN TEST PUSHBUTTON DEPRESSED AND BOTH TFR CIRCUITS ARE OPERATIONAL VALUE = "TEST", OTHERWISE VALUE = "FAIL". VALUE = "OFF" WHEN PUSHBUTTON NOT DEPRESSED 3 4 5 6 7 8 9 10 11 12				1	
FC1070202 CHANNEL INDICATOR		1 ELECTROMECHANICAL INDICATOR 2 LEGEND INDICATES POSITION OF CHANNEL SELECTOR SWITCH 3 NUMERIC VALUE CORRESPONDS TO CURRENTLY ACTIVE RA (1 OR 2) 4 5 6 7 8 9 10 11 12				1	
FC1070203 TEST PUSHBUTTON		1 USED TO TEST OPERATION OF THE DUAL LOW ALTITUDE FLYUP CIRCUITS IN TFR PUSHBUTTON SWITCH 2 3 4 5 6 7 8 9 10 11 12				2	
FC1070204 CHANNEL SELECTOR SWITCH		1 CONTROLS POWER TO AND SELECTS RA 2 INITIAL SYSTEMS WARMUP IN "1 OR 2" POSITION 3 4 POSITION ROTARY SWITCH 5 6 7 8 9 10 11 12				3	

PAGE162 CODE	NAME	*CDRR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F01070205	AUTO LTDN ENBL SWITCH		345 1 2 POSITION LEVER LOCKED TOGGLE SWITCH 2 OFF POSITION (LOCKED) IS NORMAL SWITCH POSITION 3 WHEN A-V HIGHER THAN 5000 FT AND VALUE=AUTO LTDN ENBL, PSEUDO SIGNALS 4 ARE PROVIDED TO TFR TO PERMIT AUTO BLIND LEIDOWNS 5 AT 5000 FT LEVEL SWITCH AUTOMATICALLY RETURNS TO OFF POSITION 2345				I	
F0107030X	MINIMUM DECISION HEIGHT INDIC	67	1 CAUTION LIGHT-YELLOW 2 ILLUMINATES WHEN A-V DESCENDS TO OR BELOW MINIMUM ALTITUDE SELECTED 3 BY PILOT ON VARIABLE ALTITUDE INDEX MARKER 4 OPERATE INDEPENDENTLY OF MASTER CAUTION SWITCHLIGHTS 5 REMAINS ILLUMINATED UNTIL A-V FLOWN ABOVE SELECTED MIN. ALTITUDE 6 INITIATE GO AROUND (MISSED APPROACH) WHEN: 1) INSUFFICIENT VISUAL REF 7 2) SAFE LANDING NOT POSSIBLE 3) INSTRUCTED BY CONTROLLING AGENCY 2345				I	
F01070301	MIN DEC HGT LIGHT-PILOT	67	1 CAUTION LIGHT-YELLOW 2 ILLUMINATES WHEN A-V DESCENDS TO OR BELOW MINIMUM ALTITUDE SELECTED 3 BY PILOT ON VARIABLE ALTITUDE INDEX MARKER 4 OPERATE INDEPENDENTLY OF MASTER CAUTION SWITCHLIGHTS 5 REMAINS ILLUMINATED UNTIL A-V FLOWN ABOVE SELECTED MIN. ALTITUDE 6 INITIATE GO AROUND (MISSED APPROACH) WHEN: 1) INSUFFICIENT VISUAL REF 7 2) SAFE LANDING NOT POSSIBLE 3) INSTRUCTED BY CONTROLLING AGENCY 2345				I	
F01070302	MIN DEC HGT LIGHT-COPILOT	67	1 CAUTION LIGHT-YELLOW 2 ILLUMINATES WHEN A-V DESCENDS TO OR BELOW MINIMUM ALTITUDE SELECTED 3 BY PILOT ON VARIABLE ALTITUDE INDEX MARKER 4 OPERATE INDEPENDENTLY OF MASTER CAUTION SWITCHLIGHTS 5 REMAINS ILLUMINATED UNTIL A-V FLOWN ABOVE SELECTED MIN. ALTITUDE 6 INITIATE GO AROUND (MISSED APPROACH) WHEN: 1) INSUFFICIENT VISUAL REF 7 2) SAFE LANDING NOT POSSIBLE 3) INSTRUCTED BY CONTROLLING AGENCY 2345				I	
F01080X	ANGLE-OF-ATTACK INDICATOR		1 UNIT-FIXED SCALE, MOVING TAPE 2 PROVIDES READOUT OF STANDARDIZED ACA, ACTIVE DURING ALL FLIGHT CONDIT.				I	
F01080X03	FAILURE FLAG		1 INDICATE FAILURE OF RGA-ADA-AVL COMPUTERS				I	
F01080X04	HIGH ACA INDEX MARKER		1 UPPER SYMBOL ON ACA INDICATOR-RED 2 INDICATES ADA IS TOO HIGH 2345				I	
F01080X05	OPTIMUM APPROACH INDEX MARKER		1 SYMBOL-GREEN CENTER CIRCLE ON ADA INDICATOR 2 INDICATES PROPER ADA AND AIRSPEED DURING LANDING APPROACH 3 FOR SMALLER OUT OF TOLERANCE ADA CENTER GREEN CIRCLE WILL BE 4 ILLUMINATED SIMULTANEOUSLY WITH RED (ADA SLIGHTLY HIGH) DR 5 WITH YELLOW (ADA SLIGHTLY LOW) 2				I	
F01080X06	LDW APPROACH INDEX MARKER		1 LOWER YELLOW SYMBOL ON ADA INDICATOR 2 INDICATES LOW ADA 2				I	
F010801	ADA INDICATOR-PILOT		1 UNIT-FIXED SCALE, MOVING TAPE 2 PROVIDES READOUT OF STANDARDIZED ACA, ACTIVE DURING ALL FLIGHT CONDIT.				I	
F01080103	FAILURE FLAG-PILOT		1 INDICATE FAILURE OF RGA-ADA-AVL COMPUTERS				I	

PAGE103 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC1080104	HIGH AOA INDEX MARKER-PIL	1 2	2 UPPER SYMBOL ON AOA INDICATOR-RED INDICATES AOA IS TOO HIGH				1	
FC1080105	OPT APP INDEX MARKER-PIL	1 2 3 4 5	1 SYMBOL-GREEN CENTER CIRCLE ON AOA INDICATOR INDICATES PROPER AOA AND AIRSPEED DURING LANDING APPROACH FOR SMALLER OUT OF TOLERANCE AOA CENTER GREEN CIRCLE WILL BE ILLUMINATED SIMULTANEOUSLY WITH RED (AOA SLIGHTLY HIGH) OR WITH YELLOW (AOA SLIGHTLY LOW)				1	
FC1080106	LOW APPROACH INDEX MARKER-PIL	1 2	1 LOWER YELLOW SYMBOL ON AOA INDICATOR INDICATES LOW AOA				1	
FC10802	AOA INDICATOR-COPILOT	1 2	1 UNIT-FIXED SCALE, MOVING TAPE PROVIDES READOUT OF STANDARDIZED AOA, ACTIVE DURING ALL FLIGHT CONDIT.				1	
FC1080203	FAILURE FLAG-COPILOT	1 2	1 INDICATE FAILURE OF RGA-AOA-AVL COMPUTERS				1	
FC1080204	HIGH AOA INDEX MARKER-COP	1 2	1 UPPER SYMBOL ON AOA INDICATOR-RED INDICATES AOA IS TOO HIGH				1	
FC1080205	OPT APP INDEX MARKER-COP	1 2 3 4 5	1 SYMBOL-GREEN CENTER CIRCLE ON AOA INDICATOR INDICATES PROPER AOA AND AIRSPEED DURING LANDING APPROACH FOR SMALLER OUT OF TOLERANCE AOA CENTER GREEN CIRCLE WILL BE ILLUMINATED SIMULTANEOUSLY WITH RED (AOA SLIGHTLY HIGH) OR WITH YELLOW (AOA SLIGHTLY LOW)				1	
FC1080206	LOW APPROACH INDEX MARKER-COP	1 2	1 LOWER YELLOW SYMBOL ON AOA INDICATOR INDICATES LOW AOA				1	
FC109	GSS CONTROL PANEL	1 2 3 4 5	1 CONTROL PITCH AND ROLL ATTITUDE OF A-V WITH RESPECT TO THE LOCAL EARTH'S VERTICAL PROVIDES A-V HEADING WITH RESPECT TO MAGNETIC NORTH OR MANUALLY SELECTED REFERENCE UNIT				5	
FC10901	ROTARY SELECTOR SWITCH	1 2 3 4 5 6	1 TO SELECT DESIRED GSS MODE OF OPERATION DG FOR OPERATION AT LATITUDES ABOVE 70 DEG SLAVED FOR OPERATION TO 70 DEG N OR S LATITUDE COMP USED WHEN GYROS SUSPECTED TO BE UNRELIABLE OFF MEANS PRIMARY AND BATTERY POWER REMOVED FROM SYSTEM 4 POSITION SELECTOR SWITCH				0	2345
FC10902	FAST ERECT PUSHBUTTON	1 2	1 TO INITIATE FAST ERECTION FUNCTION MANUALLY PUSHBUTTON SWITCH				2	
FC1090301	SYNCHRONIZATION INDICATOR	1 2 3 4 5	1 INDICATES WHETHER OR NOT THE PLATFORM DIRECTIONAL GYRO AND MAG ARE SYNCHRONIZED WHEN OPERATING IN THE SLAVED MODE CENTERED SYNC NEEDLE INDICATES SYNCHRONIZATION DEACTIVATED IN DG AND COMP MODES NEEDLE INDICATOR				2	

PAGE104 CGDE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPL	*VALUES
F01090302	SET HEADING-SYNC SWITCH	1 2 3 4 5	1234 WHEN GSS IS OPERATING IN DG MODE SYSTEM HEADING CHANGED BY DEPRESSING AND TURNING KNOB (RT TO INCR HEADING, LF TO DECR) WHEN GSS IS OPERATING IN SLAVED MODE FAST SYNCHRONIZATION ACCOMPLISHED BY DEPRESSING PUSH TO SYNC KNOB UNTIL SYNC INDICATOR CENTERS ROTARY CONTROL				5	
F01090401	LATITUDE SET SWITCH	1 2 3 4 5	12 INDICATE HEMISPHERE OF OPERATION LF A-V TO PROVIDE PROPER POLARITY FOR GYRO DRIFT CORRECTION CAUSED BY EARTH'S ROTATION N INDICATES NORTHERN HEMISPHERE. S INDICATES SOUTHERN HEMISPHERE 2 POSITION TOGGLE SWITCH				5	34
F01090402	LAT SET MOVING SCALE KNOB	1 2 3 4 5	1234 SETTING KNOB TO ALTITUDE BEING FLOWN DETERMINES RATE OF GYRO DRIFT CORRECTION IN DG MODE AND IMPROVES HEADING ACCURACY IN SLAVED MODE CORRECTION SET FOR EACH 2-DEGREE CHANGE IN LATITUDE MOVING SCALE KNOB				2	
F0110	WING-SWEEP SURFACE POS IND	1 2 3	12 DISPLAYS CONTROL SURFACE POSITIONS FOR RUDDER, L AND R STABILIZERS, WING SWEEP, FLAPS, SLATS, L AND R-SIDE SPOILERS UNIT				3	
F011001	RUDDER POSITION INDICATOR	1 2 3	12 PROVIDES RUDDER POSITION INDICATIONS FOR EITHER RIGHT OR LEFT RUDDER DISPLACEMENT FIXED SCALE-MOVING POINTER				3	
F011002	STABILIZER POSITION INDICATOR	1 2 3	1234 VALUES RANGE ZERO TO 25 DEGREES OF UP ELEVATOR AND ZERO TO 10 DEGREES OF DOWN ELEVATOR PROVIDES STABILIZER POSITION INFORMATION SEPARATE AND INDEPENDENT READINGS FROM EACH SIDE FIXED SCALE-MOVING POINTER				5	12
F011003	WING SWEEP POSITION INDICATOR	1 2 3 4	134 PROVIDES ACTUAL WING POSITION (MOVING POINTER) FIXED SCALE-MOVING POINTER-COMMAND INDEX COMMAND INDEX MARKER ACTIVATED BY WING SWEEP HANDLES-INDICATES DESIRED WING SWEEP POSITION				4	
F011004	FLAP POSITION INDICATOR	1 2 3	2 UP TO DOWN COVERS ZERO TO 40 DEGREES OF FLAP TRAVEL INDICATE POSITION OF FLAPS FIXED SCALE-MOVING POINTER				5	1
F011005	SLATS POSITION INDICATOR	1 2 3 4 5	4 RET-RETRACTED, EXT-EXTENDED BARBERPOLE DISPLAYED WHENEVER SLATS ARE IN TRANSIT BETWEEN POSITIONS BARBERPOLE INDICATES MALFUNCTION IN SLATS INDICATING SYSTEM INDICATE POSITION OF SLATS WINDOW DISPLAY				5	123

PAGE 105
CODE

FCI 1006

NAME _____

SPOILER INDICATORS

*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
				3457	26

1 INDICATE POSITION OF SPOILERS
UP. DISPLAYED TO INDICATE SPOILERS UP
SEPARATE INDICATOR FOR EACH OF 8 SPOILERS. LEFT WING SPOILER IND
SEPARATE INDICATOR FOR EACH OF 8 SPOILERS. LEFT WING SPOILER IND
ON LEFT OF STABILIZER POSITION INDICATOR. UPPER INDICATORS REPRESENT
INBOARD SPOILERS
NO FLAG MEANS SPOILERS DEACTIVATED OR RETRACTED
2 POSITION FLAG INDICATOR
1
34

FOI10060X LEFT AND RIGHT SPOILERS EM IND

LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZATION INDICATOR
2-200S ELECTRO-MECHANICAL INDICATORS.

FC11JC601
F011006010X

SPOILER INDICATOR
LEFT SPOILER EM INDICATORS

2456 3 ELECTRO-MECHANICAL INDICATORS 1
2-POS SEPARATE INDICATOR PROVIDED FOR EACH OF 8 SPOILER
LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZER
WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING
ALL 8 SPOILERS ARE ACTUATED AND ACT AS SPEED BRAK
INDICATORS ARE ACTIVATED 1
34567 2

FC110260101

LEFT INBOARD SPOILER
INDICATOR

2-POS ELECTRO-MECHANICAL INDICATOR LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZER POSITION INDICATOR. WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING LANDING ROLLOUT, ALL SPOILERS ARE ACTUATED AND ACT AS SPEED BRAKES. ALL SPOILER INDICATORS ARE ACTIVATED. INDICATES OPERATION OF THE FOUR INBOARD SPOILERS WHEN THEY ARE USED AS SPEED BRAKES DURING INFLIGHT OPERATIONS.

FC116060162

LEFT SPOILER INDICATOR-2

34 2 2-POS ELECTRO-MECHANICAL INDICATOR LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZER POSITION INDICATOR INDICATES OPERATION OF THE FOUR INBOARD SPOILERS WHEN THEY ARE USED AS SPEED BRAKES DURING INFLIGHT OPERATIONS

FCI10060103

LEFT SPOILER INDICATOR-3

345 2 ELECTRO-MECHANICAL INDICATOR
2-POS LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZER POSITION INDICATOR,
WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING ROLLOUT,
ALL 8 SPOILERS ARE ACTUATED AND ALL 4 SPEED BRAKES; ALL SPOILER
INDICATORS ARE ACTIVATED.

FD-302 (Rev. 11-27-70)

LEFT OUTBOARD SPOILER
INDICATOR

2-POS ELECTRO-MECHANICAL INDICATOR
LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZER POSITION INDICATOR.
WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING LANDING ROLLOUT,
ALL 8 SPOILERS ARE ACTUATED AND ACT AS SPEED BRAKES; ALL SPOILER
INDICATORS ARE ACTIVATED.

PAGE106 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC110C002	RIGHT SPOILER EM INDICATORS	1 2 3 4 5 6	2456 2-POS ELECTRO-MECHANICAL INDICATORS SEPARATE INDICATOR PROVIDED FOR EACH OF 8 SPOILERS LOCATED IMMEDIATELY TO THE RIGHT OF THE STABILIZER POSITION INDICATOR WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING LANDING ROLLOUT, ALL 8 SPOILERS ARE ACTUATED AND ACT AS SPEED BRAKES; ALL SPOILER INDICATORS ARE ACTIVATED	3			1	
FC110C020X FC110C0201	SPOILER INDICATORS RIGHT INBOARD SPOILER INDICATOR	1 2 3 4	24 2-POS ELECTRO-MECHANICAL INDICATOR LOCATED IMMEDIATELY TO THE RIGHT OF THE STABILIZER POSITION INDICATOR INDICATES OPERATION OF THE FOUR INBOARD SPOILERS WHEN THEY ARE USED AS SPEED BRAKES DURING INFLIGHT OPERATIONS.	2			1	
FC110C0202	RIGHT SPOILER INDICATOR-2	1 2 3 4	34 2-POS ELECTRO-MECHANICAL INDICATOR LOCATED IMMEDIATELY TO THE RIGHT OF THE STABILIZER POSITION INDICATOR INDICATES OPERATION OF THE FOUR INBOARD SPOILERS WHEN THEY ARE USED AS SPEED BRAKES DURING INFLIGHT OPERATIONS	2			1	
FC110C0203	RIGHT SPOILER INDICATOR-3	1 2 3 4 5	345 2-POS ELECTRO-MECHANICAL INDICATOR LOCATED IMMEDIATELY TO THE RIGHT OF THE STABILIZER POSITION INDICATOR WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING LANDING ROLLOUT, ALL 8 SPOILERS ARE ACTUATED AND ACT AS SPEED BRAKES; ALL SPOILER INDICATORS ARE ACTIVATED.	2			1	
FC110C0204	RIGHT OUTBOARD SPOILER INDICATOR	1 2 3 4 5	2-POS ELECTRO-MECHANICAL INDICATOR LOCATED IMMEDIATELY TO THE LEFT OF THE STABILIZER POSITION INDICATOR WHEN SPEED BRAKES ARE ACTUATED ON THE GROUND DURING LANDING ROLLOUT, ALL 8 SPOILERS ARE ACTUATED AND ACT AS SPEED BRAKES; ALL SPOILER INDICATORS ARE ACTIVATED.	2			1	
FC110J7	OFF FLAG-WING SWEEP	1 2 3 4 5	123 FLAG TO INDICATE 1) INSUFFICIENT VOLTAGE LEVELS 2) ABNORMAL SIGNAL STATE COMBINATIONS 3) BROKEN OR SHORTED SYSTEM WIRING 4) TORQUE SYNCHRO RECEIVERS NOT TRACKING THEIR TRANSMITTERS BLACK LETTERING ON A RED BACKGROUND	5			2	
FC1110X01	RGA SWITCH	1 2	1 INITIATE ROTATION FUNCTION OR GO-AROUND FUNCTION PUSHBUTTON SWITCH	1			2	
FC1110X02	RGA ADVISORY INDICATOR	1 2 3 4 5	12345 ILLUMINATES TO INDICATE THAT RESPECTIVE RGA SWITCH IS DEPRESSED IF (PILOT) RGA 1 COMPUTER IS SUPPLYING VALID PITCH SELECTION TO FDC-MCN 1 AND PROPER FDC-MCN 1 MODE SWITCH SELECTION HAS BEEN MADE. COPILOT INDICATOR ILLUMINATES TO INDICATE RGA 2 COMPUTER REQUESTED TO SUPPLY RGA PITCH SIGNALS	2			2	
FC1110101	RGA SWITCH-PILOT	1 2	1 INITIATE ROTATION FUNCTION OR GO-AROUND FUNCTION PUSHBUTTON SWITCH	1			2	

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
AGE107 CODE						
01110102	1 2 3 4 5	RGA ADVISORY INDICATOR-PIL				
			ILLUMINATES TO INDICATE THAT RESPECTIVE RGA SWITCH IS DEPRESSED IF (PILOT) RGA 1 COMPUTER IS SUPPLYING VALID PITCH STEERING SIGNALS TO FDC-MON 1 AND PROPER FDC-MON 1 MODE SWITCH SELECTION HAS BEEN MADE. COPILOT INDICATOR ILLUMINATES TO INDICATE RGA 2 COMPUTER REQUESTED TO SUPPLY RGA PITCH SIGNALS			
01110201	1 2	RGA SWITCH-COPILOT				
			INITIATE ROTATION FUNCTION OR GO-AROUND FUNCTION PUSHBUTTON SWITCH			
01110202	1 2 3 4 5	RGA ADVISORY INDICATOR-COP				
			ILLUMINATES TO INDICATE THAT RESPECTIVE RGA SWITCH IS DEPRESSED IF (PILOT) RGA 1 COMPUTER IS SUPPLYING VALID PITCH STEERING SIGNALS TO FDC-MON 1 AND PROPER FDC-MON 1 MODE SWITCH SELECTION HAS BEEN MADE. COPILOT INDICATOR ILLUMINATES TO INDICATE RGA 2 COMPUTER REQUESTED TO SUPPLY RGA PITCH SIGNALS			
01201	1 2 3 4	STANDBY ATTITUDE DIRECTOR IND				
			BACKUP ATTITUDE INSTRUMENT IN CASE OF FAILURE OF VSD DISPLAYS PITCH AND ROLL, PITCH AND ROLL STEERING ALONG WITH GLIDE SLOPE DEVIATION DATA			
020101	1 2 3 4 5 6 7 8 9	GLIDE SLOPE SCALE				
			INDICATES CURRENT GLIDE SLOPE DEVIATION FIXED SCALE-MOVING POINTER POINTER MOVES UP AND DOWN RT SIDE OF VERTICAL SCALE GLIDE SLOPE DEVIATION CALIBRATION DISTANCE DEVIATION DISPLAY DEVIATION MILES FROM TOUCHDOWN			
			ONE DOT=1-4DEG. DEV.	130°	78°	52°
			TWO DOT=1-20DEG. DEV	260°	156°	104°
						456789
020102	1 2 3 4 5 6 7 8 9	GLIDE SLOPE POINTER				
			INDICATES CURRENT GLIDE SLOPE DEVIATION FIXED SCALE-MOVING POINTER POINTER MOVES UP AND DOWN RT SIDE OF VERTICAL SCALE GLIDE SLOPE DEVIATION CALIBRATION DISTANCE DEVIATION DISPLAY DEVIATION MILES FROM TOUCHDOWN			
			ONE DOT=1-4DEG. DEV.	130°	78°	52°
			TWO DOT=1-20DEG. DEV	260°	156°	104°
						456789
020103	1 2 3 4 5 6 7 8 9	GLIDE SLOPE FLAG ALARM				
			FLAG INDICATES LOSS OF GS VALIDITY SIGNAL FROM FDC-MON WARNING FLAG-BLACK LETTERS ON RED BACKGROUND IN VIEW MIDWAY OVER GLIDE SLOPE SCALE PILOTS AND COPILOTS VSD MAY BE USED AS INFORMATION SOURCE			
020104	1 2 3	VERTICAL STEERING POINTER				
			DISPLAYS COMMAND STEERING INFORMATION TO PILOT. WHEN CENTERED A-V IS ON COURSE VERTICAL POINTER-LOWER 1.25 IN. YELLOW			
020105	1 2 3	HORIZONTAL STEERING POINTER				
			DISPLAYS PITCH COMMAND INFORMATION TO PILOT MOUNTED BEHIND VERTICAL STEERING POINTER HORIZONTAL POINTER-LEFT 1.25 IN-YELLOW			

PAGE108 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC20106	FLIGHT DIRECTOR FLAG ALARM	5	123 1 FLAG TO INDICATE 1) ABSENCE OF PRIMARY POWER 2) FAILURE OF INTERNAL SUPPLIES 3) FAILURE OF EITHER STEERING POINTER 4) ABSENCE OF EITHER STEERING SIGNAL 5) ABSENCE OF FDC-MON VALID SIGNAL 6) WARNING FLAG-BLACK LEGEND ON RED BACKGROUND 7) PILOTS AND COPILOTS VSD MAY BE USED AS INFORMATION SOURCE				4 15 236	
FC20107	BANK ANGLE DIAL	1	14 1 DICTATES BANK ANGLE (ROLL) 2 DIAL HAS INDEX POINTER AT 6 O'CLOCK AND 10 INDEX MARKINGS FROM 3 O'CLOCK TO 9 O'CLOCK INDICATING 10, 20, 30, 40, 50, 60, 70 DEGREES ROLL 4 AT ZERO ROLL INDICATION POINTER IS ALIGNED WITH INDEX POINTER 5 9 O'CLOCK-RT WING DOWN ATTITUDE, 3 O'CLOCK-LF WING DOWN 6 FIXED SCALE-MOVING POINTER				1 234567	
FC20108	BANK ANGLE POINTER		1 A WHITE POINTER, AFFIXED TO AND ROTATES WITH THE INSTRUMENT ROLL GIMBAL 2 AT ZERO ROLL INDICATION, THE BANK ANGLE POINTER IS ALIGNED WITH THE BANK ANGLE DIAL INDEX POINTER AT THE 6 O'CLOCK POSITION. 3 A RIGHT-WING ATTITUDE IS INDICATED BY THE BANK ANGLE POINTER AT THE 9 O'CLOCK POSITION. 4 A LEFT-WING ATTITUDE IS INDICATED BY THE BANK ANGLE POINTER AT THE 3 O'CLOCK POSITION				1 2 3	
FC20109	MINIATURE AIRPLANE		1 PROVIDES FIXED FRAME OF REFERENCE FOR FLY-TO DISPLAY 2 CENTERED HORIZONTALLY IN INSTRUMENT 3 SYMBOL				1 2 3	
FC20110	SPHEROID-PITCH SCALE		123 1 SPHEROID ROTATES ABOUT ROLL AXIS FOR ROLL INDICATIONS. 2 HORIZON LINE MOVES WITH RESPECT TO MINIATURE AIRPLANE TO INDICATE PITCH. 3 PITCH SCALE IS PERPENDICULAR TO HORIZON LINE LABELED 'CLIMB' AND 'DIVE' ABOVE AND BELOW HORIZON LINE RESPECT. 4 SPHEROID				45 6 7	
FC20111	OFF FLAG-SADI	6	1 COVERS BOTTOM OF BANK ANGLE DIAL 2 FLAG TO INDICATE 1) ABSENCE OF PRIMARY POWER 2) PERSISTENT EXCESSIVE SERVO NULL IN EITHER AXIS 3) OPEN CIRCUIT IN FEEDBACK SYNCHRO NULL 4) ABSENCE OF GSS VALID SIGNAL 5) ABSENCE OF EITHER ATTO INPUT SIGNAL 6) FAILURE OF INTERNAL POWER SUPPLIES 7) FAILURE OF EITHER SERVO AMPLIFIER OR MOTOR 8 WARNING FLAG				1 23456 7 8	
FC20112	PITCH TRIM KNOB		1 PILOTS AND COPILOTS VSD MAY BE USED AS INFORMATION SOURCE 2 TO ADJUST POSITION OF SPHEROID IN PITCH 3 AT CLOCKWISE STOP SPHEROID ROTATES TO DEFLECT HORIZON LINE UPWARD TO INDICATE A DIVE OF 10-20 DEGREES. AT COUNTERCLOCKWISE STOP SPHEROID ROTATES TO DEFLECT HORIZON LINE DOWNWARD TO INDICATE A CLIMB OF 10-20 DEGREES 4 GREY KNOB WITH WHITE INDEX ARROW 5 PITCH TRIM INDEX DOT ON BANK ANGLE DIAL. WHEN ARROW OF PITCH TRIM KNOB POINTS TO DOT, ZERO PITCH TRIM IS INDICATED 6 HORIZON LINE ALIGNED WITH WINGS OF MINIATURE AIRPLANE				6 7 8 9	

PAGE/C9 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC20113	PITCH TRIM INDEX DOT	1 2 3 4 5	1 2 3 4 5	1 2345	LOCATED ON BANK ANGLE DIAL, ADJACENT TO PITCH TRIM KNOB. WHEN INDEX ARROW ON PITCH TRIM KNOB IS POINTING TO PITCH TRIM INDEX DOT, A ZERO PITCH TRIM IS INDICATED (HORIZON LINE ON SPHEROID IS DIRECTLY BEHIND AND IN LINE WITH THE "WINGS" ON MINIATURE A-C. COLORED WHITE.			
FC202	AIRSPEED-MACH INDICATOR	1 2	1 2	1 2	BACKUP INSTRUMENT FOR AMI INDICATING AIRSPEED AND MACH NUMBER			
FC20201	AIRSPEED DIAL	1 2	1 2	1 2	50-400 KNOTS GRADEUATED IN 10 KNOT INCREMENTS, 400-500 KNOTS INCR. OF 50 DIAL			
FC20202	AIRSPEED-MACH POINTER	1 2 3	1 2 3	1 2 3	OUTER TIP TO READ IAS FROM AIRSPEED DIAL. INNER TIP TO READ MACH NUMBER FROM MACH DIAL 2 HEADED POINTER			
FC20203	MACH DIAL	1 2 3	1 2 3	1 2 3	GRADUATION MARKINGS EVERY .05 MACH NUMERALS EVERY .5 MACH (1.5-1.0), EVERY .2 MACH (1.2-1.0) MOVING CIRCULAR DIAL-SEEN THROUGH WINDOW			
FC20204	AIRSPEED MARKER	1 2 3	1 2 3	1 2 3	SET WITH AIRSPEED MARKER SET KNOB TO DESIRED AIRSPEED USED IN CONJUNCTION WITH IAS SCALE TRIANGULAR POINTER			
FC20205	AIRSPEED MARKER SET KNOB	1 2	1 2	1 2	TO CHANGE POSITION OF AIRSPEED MARKER			
FC20206	MAX ALLOW AIRSPEED-MACH POINT	1 2 3	1 2 3	1 2 3	INDICATES SPEED THAT A-V SHOULD NOT EXCEED ON AIRSPEED DIAL NOT ADJUSTABLE IN FLIGHT POINTER-RED TRIANGULAR TIP AND WHITE STRIPED ARM			
FC203	STANDBY ALTIMETER	1 2	1 2	1 2	TYPE AAU-27-A COUNTER-DRUM POINTER PRESSURE ALTIMETER, MEASURES IN FEET CONSISTS OF F2-3.1 - F2-3.6			
FC20301	ALTITUDE SCALE	1 2 3 4	1 2 3 4	1 2 3 4	FIXED CIRCULAR SCALE WITH 10 MAJOR GRADUATIONS 0-9 REPRESENT 100 FT 100 FOOT POINTER MAKES ONE REVOLUTION FOR EACH 1000 FT. ALT. INDICATE ALTITUDE AND BAROMETRIC PRESSURE UNIT			
FC20303	BAROMETRIC SETTING KNOB	1 2 3 4	1 2 3 4	1 2 3 4	USED TO SET ALTIMETER DISPLAY TO ZERO ALTITUDE AT ANY EXISTING GROUND LEVEL PRESSURE LOCATED LOWER LEFT CORNER OF INSTRUMENT			
FC20304	BAROMETRIC SCALE COUNTER	1 2 3	1 2 3	1 2 3	COUNTER DRUMS LABELED "IN HG" TO READ BAROMETRIC PRESSURE SET BY MEANS OF BAROMETRIC SETTING KNOB			
FC20305	100 FOOT DRUM	1 2 3	1 2 3	1 2 3	USED WITH 100 FOOT POINTER TO INDICATE NO. OF 100 FT OF ALTITUDE WINDOW LABELED "100 FT" INDICATE PRESSURE ALTITUDE IN HUNDREDS OF FEET			

PAGE 110 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F02030601	1000 FOOT COUNTER	1 2 3 4	123 DRIVEN BY 100 FT DRUM SO THAT 1000 FT DRUM INDEXES ONE LIGHT AS THE 100 FT DRUM MOVES THROUGH 9-10 INDICATE PRESSURE ATTITUDE IN THOUSANDS OF FEET 2 COUNTER DRUMS				4	
F0204	STANDBY MAGNETIC COMPASS	1 2 3 4	123 OPERATES AS REFERENCE TO EARTH'S MAGNETIC MERIDIAN COMPASS CARD ROTATES IN LIQUID MEDIUM AND IS READ WITH REFERENCE TO LUBBER LINE COMPASS				4	
F0205	GS-TAS INDICATOR	1 2 3	12 PROVIDES DIGITAL DISPLAY EITHER OF GROUND SPEED (GS) OR TRUE AIR SPEED SELECTABLE BY ROTARY KNOB UNIT				3	
F020501	MODE INDICATOR	1 2 3 4 5	14 IDENTIFIES MODE SELECTED BY MODE SELECTOR KNOB OFF - BLACK LETTERING ON RED BACKGROUND GS, TAS - WHITE LETTERING ON BLACK BACKGROUND OFF FLAG ALSO APPEARS UPON MALFUNCTION 3 POSITION FLAG				5	25
F020502	KT READOUT COUNTER	1 2	1 DISPLAYS GS OR TAS (AS SELECTED) READOUT COUNTER				2	
F020503	MODE SELECTOR KNOB	1 2 3	12 SELECT DISPLAY ON KT READOUT COUNTER OFF POSITION SHUTS OFF INDICATOR SELECTOR KNOB				3	
F0206	TOTAL TEMPERATURE INDICATOR	1 2 3 4 5	14 PROVIDES INDICATIONS OF AERODYNAMIC HEATING FIXED TEMPERATURE SCALE GRADUATED IN 10 DEGREE INCREMENTS TRIANGULAR SHAPE INDEX MARKS AT 153 AND 214 DEGREES C SEE TO GO COUNTER NOT USED FOR B-1 OPERATION FIXED SCALE-MOVING POINTER				2545	
F020604	OFF FLAG-TOTAL TEMP	1 2 3 4 5	123 FLAG TO INDICATE 1) POWER FAILURE 2) INSTRUMENT MALFUNCTIONS 3) AMPLIFIER OUTPUT. SIGNAL VARIES FROM TEMP PROBE INPUT SIGNAL BY 5-13 DEGREES C. WARNING FLAG-BLACK LETTERS, RED BACKGROUND DISREGARD TOTAL TEMP INFORMATION				4	
F02070X	CLOCK	1 2 3 4	1 INDICATE REAL AND ELAPSED TIME INCLUDES CONVENTIONAL HOUR AND MINUTE HANDS PLUS ELAPSED TIME HAND AND SWEEP SECOND HAND AS ON STOPWATCH CIRCULAR DIAL				254	
F020701	CLOCK-PILOT	1 2 3 4	1 INDICATE REAL AND ELAPSED TIME INCLUDES CONVENTIONAL HOUR AND MINUTE HANDS PLUS ELAPSED TIME HAND AND SWEEP SECOND HAND AS ON STOPWATCH CIRCULAR DIAL				254	
F020702	CLOCK-COPILOT	1 2 3 4	1 INDICATE REAL AND ELAPSED TIME INCLUDES CONVENTIONAL HOUR AND MINUTE HANDS PLUS ELAPSED TIME HAND AND SWEEP SECOND HAND AS ON STOPWATCH CIRCULAR DIAL				254	

PAGE 111 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F020703	DSO CLOCK	1	CONSISTS OF F2.7.3.1-F2-7.3.4.				1	
F020704	DSO CLOCK	1	CONSISTS OF F2-7.4.1-F2-7.4.4.				1	
F030101	MASTER CAUTION SWITCHLIGHTS	1	OPERATE IN CONJUNCTION WITH LEGEND-TYPE INDICATORS ON FLT STA				8	34
		2	CAUTION PANEL AND FLT INST FAILURE PNL					
		3	ILLUMINATE STEADY WHEN ANY LEGEND-TYPE INDICATOR ILLUMINATES					
		4	FLASHING					
		5	DEPRESSING EITHER SWITCHLIGHT WILL EXTINGUISH BOTH SWITCHLIGHTS AND					
		6	CAUSE LEGEND-TYPE INDICATOR TO GO STEADY-DIRECTOR LIGHT WILL					
		7	EXTINGUISH					
		8	SWITCHLIGHTS				8	34
			12567					
F030101	MASTER CAUTION SWITCHLIGHT-PIL	1	OPERATE IN CONJUNCTION WITH LEGEND-TYPE INDICATORS ON FLT STA					
		2	CAUTION PANEL AND FLT INST FAILURE PNL					
		3	ILLUMINATE STEADY WHEN ANY LEGEND-TYPE INDICATOR ILLUMINATES					
		4	FLASHING					
		5	DEPRESSING EITHER SWITCHLIGHT WILL EXTINGUISH BOTH SWITCHLIGHTS AND					
		6	CAUSE LEGEND-TYPE INDICATOR TO GO STEADY-DIRECTOR LIGHT WILL					
		7	EXTINGUISH					
		8	SWITCHLIGHTS				8	34
			12567					
F030102	MASTER CAUTION SWITCHLIGHT-COP	1	OPERATE IN CONJUNCTION WITH LEGEND-TYPE INDICATORS ON FLT STA					
		2	CAUTION PANEL AND FLT INST FAILURE PNL					
		3	ILLUMINATE STEADY WHEN ANY LEGEND-TYPE INDICATOR ILLUMINATES					
		4	FLASHING					
		5	DEPRESSING EITHER SWITCHLIGHT WILL EXTINGUISH BOTH SWITCHLIGHTS AND					
		6	CAUSE LEGEND-TYPE INDICATOR TO GO STEADY-DIRECTOR LIGHT WILL					
		7	EXTINGUISH					
		8	SWITCHLIGHTS				123	123
			123					
F040X01	ATTITUDE-BEARING INDICATORS	1	INCLUDES: F040101 ATTITUDE DIRECTOR INDICATOR(AOI)				123	123
		2	F040201 BEARING-DISTANCE-HEADING INDICATOR(BDH)					
		3	F040301 AIRSPEED ALTITUDE INDICATOR				5	
F040101	ATTITUDE DIRECTOR INDICATOR	1	USED TO PROVIDE REAR CREW MEMBER(S) WITH AN INDICATION OF AIRCRAFT					
		2	ATTITUDE					
		3	FURNISHES THE ONLY VISUAL INDICATION OF A-V ATTITUDE WITH RESPECT TO					
		4	THE EARTH.					
		5	A UNIT, CONSISTING OF F4-1.1.1 - F4-1.1.6.				12	
F04010101	HORIZON LINE	1	THIS SOLID LINE ON THE INDICATOR'S SPHERE PROVIDES THE OPERATOR AN					
		2	INDICATION OF THE LOCATION OF THE REAL WORLD HORIZON.				1	
F04010102	AIRCRAFT SYMBOL	1	W-SHAPED FIXED SYMBOL, REPRESENTS THE AIRCRAFT.					
		2	A-V'S ATTITUDE IS DETERMINED BY THE SYMBOL'S POSITION RELATIVE TO THE					
		3	HORIZON				12	
F04010103	ROLL SCALE	1	THE SCALE AT THE BOTTOM OF THE INDICATOR GIVES THE AIRCRAFT'S ROLL					
		2	ATTITUDE IN DEGREES WHEN READ AGAINST THE LOWER CENTER FIXED INDEX.				1	
F04010104	OFF INDICATOR	1	A FLAG, MOVED INTO VIEW WHEN POWER IS REMOVED FROM THE INDICATOR.					

PAGE112 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
FC4010105	HORIZON SET CONTROL	1	12	USED TO ADJUST THE POSITION OF FC4010101 WITH RESPECT TO THE AIRCRAFT SYMBOL (FC4010102).				
FC4010106	PITCH SCALE	2	12					
		1	12	DASHED LINES ON THE INDICATOR SPHERE INDICATE THE AIR VEHICLE'S PITCH				
		2	1	ATTITUDE IN DEGREES WHEN READ AGAINST FC4010102.				
FC40201	BEARING-DISTANCE-HEADING IND	1	1	A UNIT CONSISTING OF F4-2.1.1- F4-2.1.7.				
FC4020101	RELATIVE BEARING INDICATOR	1	1	A NEEDLE, GIVING RELATIVE BEARING FOR THE TACAN SYSTEM.				
FC4020102	BEARING POINTER	1234	1234					
		1	1	A NEEDLE WHICH IS EITHER THE BEARING TO A NAV CHECKPOINT AS SELECTED BY THE ACU, OR THE BEARING TO A UHF-AUF STATION, DEPENDING ON THE SELECTION OF NAV OR ADV AT THE BEARING SELECT SWITCH ON THE INSTRUMENT				
		3-	1	MODE SELECT PANEL IN THE FRONT STATION.				
		4	12					
FC4020104	COMPASS CARD	1	12	COMPASS CARD CAN BE DRIVEN EITHER BY THE INERTIAL PLATFORM (NAV) OR BY THE GYRO STABILIZATION SYSTEM (GSS).				
		2	12					
		3	12	AIRCRAFT HEADING IS READ AGAINST THE TOP CENTER INDEX. THIS HEADING CAN BE MAGNETIC OR GRID HEADING, DEPENDING UPON THE NAVIGATION MODE SELECTED ON THE INERTIAL NAV SYSTEM CONTROL PANEL OR THE GSS CONTROL PANEL.				
		5	12					
		6	12					
FC4020105	MILEAGE WINDOW	1	123	READOUT DISPLAYS MILEAGE TO THE SELECTED TACAN-DME STATION OR THE NAV TURN POINT, DEPENDING UPON THE POSITION OF THE BKG SWITCH ON THE FRONT STATION INSTRUMENT SELECT MODE PANEL.				
		2	123	A YELLOW AND BLACK BAR COVERS MILEAGE READOUT WHEN IT IS NOT A VALID READING.				
		3	1					
FC4020106	OFF INDICATOR	1	1	A FLAG, INDICATING A LACK OF POWER TO THE INSTRUMENT.				
FC4020107	SET INDEX CONTROL KNOB	12	12	USED TO SET THE TRIANGULAR-SHAPED 'MEMORY BUG' FC4020103 AT THE DESIRED HEADING.				
		2	12345					
FC40301	AIRSPEED-ALTITUDE INDICATOR	1	6	USED TO COMPUTE GROUND SPEED, BALLISTIC PARAMETERS, NAVIGATIONAL PARAMETERS, ETC IN THE EVENT OF PARTIAL OR COMPLETE FAILURE OF THE NAVIGATIONAL COMPUTER COMPLEX. THE INFORMATION THAT IS DISPLAYED IS SUPPLIED FROM WHICHEVER AIR DATA SYSTEM HAS BEEN SELECTED AT THE FORWARD CREW STATION.				
		5	6	A UNIT, CONSISTING OF F4-3.1.1 - F4-3.1.6.				
FC4030101	AIRSPEED-ALTITUDE INDICATOR SW	1	1					
		1	12	SELECT CAS OR TAS TO BE READ OUT ON INDICATOR				
FC4030102	TAS-CAS READOUT	1	12	NUMERIC READOUT, GIVES READING FOR TRUE AIRSPEED OR CALIBRATED AIRSPEED IN KNOTS.				
		2	1					
FC4030103	ALTITUDE READOUT	1	1	NUMERIC READOUT, GIVES ALTITUDE IN FEET.				
		1	12					
FC4030104	IN. HG READOUT	1	12	NUMERIC READOUT, GIVES BAROMETRIC ALTITUDE SETTING IN INCHES OF MERCURY.				
		2	1					
FC4030105	OFF-TAS-CAS SELECT SWITCH	1	1	3 POS ROTARY SWITCH, USED TO SELECT VALUES FOR DISPLAY.				

PAGE113 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
F04030105	BAROMETER CONTROL	1 123 2 123	ROTARY KNOB, USED TO SET INTO THE SYSTEM THE LATEST LARGEMETER DATA OBTAINED FROM A GROUND STATION OR AS COMPUTED FROM A RADAR ALTIMETER FIX OVER A CHECKPOINT WITH A KNOWN ABOVE SEA LEVEL ALTITUDE.					
F040401	BOMB TIMER POWER SWITCH	1 12 2 12	A MIL-T-38475, USED AS A BACKUP OR TIMED NAVIGATION AND MANUAL WEAPONS RELEASE.					
F04040101	POWER CONTROL	1 2345 2 2345	ROTARY CONTROL KNOB. OFF POSITION DEACTIVATES TIMER UNIT. ON POSITION APPLIES 28 VDC TO ARM TIME-TO-GO INDICATOR. IN RELEASE POSITION, TIMER REMAINS ARMED, BUT POSITION IS OTHERWISE INACTIVE. TIMER IS AUTOMATICALLY TURNED OFF ELECTRICALLY IN 2 MINUTES AFTER THE END OF A TIMING CYCLE WITH THE POWER SWITCH AT ON OR RELEASE. TIMER CAN BE REARMED BY TURNING POWER SWITCH OFF AND THEN ON AGAIN.					
F0404010201	MINUTE CLOCK HAND	1 1	1 SHOWS REMAINING MINUTES, IN CONJUNCTION WITH F0404010202.					
F0404010202	SECOND CLOCK HAND	1 1	1 SHOWS REMAINING SECONDS, WORKS IN CONJUNCTION WITH F0404010201.					
F0404010204	TIMEOUT LIGHT	1 12 2 12 3 123	1 GREEN ADVISORY LIGHT, ILLUMINATES WHENEVER TIME-TO-GO CLOCK HAS BEEN DRIVEN TO ZERO. 2 LIGHT REMAINS ON UNTIL POWER SWITCH IS TURNED OFF. 3 DIGITAL COUNTER, MANUALLY SET TO TIME VALUE IN MINUTES FOR DESIRED COUNTDOWN USING F0404010305. 4 CONTROLLED BY F0404010303.					
F0404010301	MINUTE COUNTER	1 12 2 12 3 12	1 DIGITAL COUNTER, MANUALLY SET TO TIME VALUE IN MINUTES FOR DESIRED COUNTDOWN USING F0404010305. 2 CONTROLLED BY F0404010303.					
F0404010302	SECOND COUNTER	1 12 2 12 3 12	1 DIGITAL COUNTER, MANUALLY SET TO THE TIME VALUE IN SECONDS FOR DESIRED COUNTDOWN USING F0404010305. 2 CONTROLLED BY F0404010304.					
F0404010303	MINUTE CONTROL	1 1 2 1 3 1	1 ROTARY KNOB, USED TO SET COMMAND MINUTE READOUT F0404010301.					
F0404010304	SECOND CONTROL	1 1 2 1 3 1	1 ROTARY CONTROL, USED TO SET COMMAND SECOND READOUT F0404010302.					
F0404010305	START-RESET PUSHBUTTON	1 12345 2 12345 3 12345	1 PUSHING THIS BUTTON DRIVES TIME-TO-GO CLOCK TO THE SETTINGS IN F0404010301 AND F0404010302. 2 PUSH A SECOND TIME TO BEGIN TIMING CYCLE. 3 PUSH A THIRD TIME TO AUTOMATICALLY RESET TO SETTINGS OF TIME COMMAND COUNTERS (DONE BEFORE TIMING CYCLE IS COMPLETED). 4 CAN ALSO BE USED TO REACTIVATE THE TIMER AFTER AUTOMATIC SHUTOFF.					
GG1	LANDING GEAR CONTROL PANEL	1 3 2 3 3 3	1 PANEL CONTAINS PRIMARY AND ALTERNATE LANDING GEAR ACTUATION CONTROLS AND GREEN LANDING GEAR ADVISORY LIGHTS 2 THIS IS A UNIT 3 INCLUDES: G010102 GEAR WARNING LIGHT G010103 NOSE GEAR LIGHT G010104 L GEAR LIGHT G010105 R GEAR LIGHT					
G01010X	GEAR WARNING LIGHTS	1 1234 2 1234 3 1234 4 1234	1 INCLUDES: G010102 GEAR WARNING LIGHT G010103 NOSE GEAR LIGHT G010104 L GEAR LIGHT G010105 R GEAR LIGHT					

PAGE 114 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
G010101	PRIMARY LANDING GEAR CONTROL	1 2 3 4 5 6	15 CONTROL POSITION OF LANDING GEARS (A/V CONVENTIONAL TRICYCLE CONFIG) HEAVILY DETENTED IN BOTH UP AND DN. HANDLE IS MECHANICALLY LOCKED WHEN IN UP POSITION. SMALL SPRING-LOADED LEVER ON PERIPHERY OF KNOB UNLOCKS HANDLE TO MOVE SWITCH TO DN (NOT LOCKED) IF A/V WEIGHT IS ON LANDING GEARS AND POSITION IS MOVED TO UP, 2 POS SWITCH 12345				2346	
G010102	GEAR WARNING LIGHT	6789	1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9	ILLUMINATE WHEN GEAR POSITION IS NOT CONSISTENT WITH CONTROL SWITCH SELECTED POSITION OR IF ANY OF GEAR DOORS ARE NOT UP AND LOCKED WHEN GEAR IS RETRACTED NORMAL USE AS IN TRANSIT VISUAL INDICATOR-WARNING LT. ILLUMINATE WHEN LANDING GEAR HORN SOUNDS CYCLE PRIMARY LANDING GEAR CONTROL HANDLE. IF GEAR DOES NOT GO TO DESIRED POSITION, RETURN TO DOWN/LOCK POSITION AND LAND AS SOON AS POSSIBLE. IF GEAR DOES NOT MOVE TO DESIRED POSITION, EXTEND GEAR BY USE OF LDG GR ALTER SWITCH (ON LDG GR PANEL) 23		4	
G010103	NOSE GEAR ADVISORY LIGHT	4	1 2 3 4	1 2 3 4	GREEN ADVISORY LIGHT ILLUMINATE TO INDICATE THAT NOSE LANDING GEAR IS DOWN AND LOCKED AND THEREFORE READY FOR A/V LANDING OR TAKEOFF NO CORRECTIVE ACTION 23		1	
G010104	LEFT GEAR ADVISORY LIGHT	4	1 2 3 4	1 2 3 4	GREEN ADVISORY LIGHT ILLUMINATE TO INDICATE THAT LEFT LANDING GEAR IS DOWN AND LOCKED AND THEREFORE READY FOR A/V LANDING OR TAKEOFF NO CORRECTIVE ACTION 23		1	
G010105	RIGHT GEAR ADVISORY LIGHT	4	1 2 3 4	1 2 3 4	GREEN ADVISORY LIGHT ILLUMINATE TO INDICATE THAT RIGHT LANDING GEAR IS DOWN AND LOCKED AND THEREFORE READY FOR A/V LANDING OR TAKEOFF NO CORRECTIVE ACTION 1234		1	234
G0102	ALTERNATE LANDING GEAR CONTROL		1 2 3 4	1 2 3 4	OPERATES SEPARATE SYSTEM TO LOWER LANDING GEAR NORM-PROVIDES FOR NORMAL LANDING GEAR EXTENSION AND RETRACTION DN-DEACTIVATES NORMAL LANDING GEAR CONTROL. SELECTED BY PULLING OUT TOGGLE LEVER AND MOVING TO DN 3 POS TOGGLE SWITCH 12		5	
G02	TAKEOFF AND LANDING CONTROL PNL		1 2 3 4 5	1 2 3 4 5	TEST ANTI-SKID SYSTEM, SELECT SENSITIVITY OF NOSE WHEEL STEERING, CONTROL LANDING/TAXI LIGHTS THIS IS A UNIT 23456		3	
G02G010101	ANTI-SKID TEST SWITCH		1 2 3 4 5 6 7	1 2 3 4 5 6 7	OFF-MAINTAINED, ON-MAINTAINED-LOCKED, TEST-MOMENTARY OFF-REMOVE ELECTRICAL POWER TO ANTI-SKID SYSTEM, PROVIDES MANUAL BRAKING ON-MAX BRAKE PRESSURE WITH NO TIRE SKIDDING TEST-OPERATIONAL SYSTEM INDICATED BY LACK OF ILLUMINATION OF ANTI-SKID CAUTION LIGHT 3 POS TOGGLE SWITCH		17 1	

PAGE 115 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
G02010102	ANTISKID CAUTION LIGHT	56	123 1 INDICATE MALFUNCTION AUTOMATICALLY DETECTED WHEN ANTISKID SWITCH ON 2 ACTIVATES WHEN EMERGENCY BRAKE IS ACTIVATED OR WHEN PARKING 3 BRAKE REMAINS IN PARK MODE AFTER UNPARK COMMAND 4 COLOR-AMBER CAUTION LIGHT 5 MANUAL BRAKING IS REQUIRED WHERE HYDRAULIC PRESSURE APPLIED TO BRAKES 6 IS PROPORTIONAL TO POSITION OF TOE-OPERATED PEDALS				4	
G020102	STEERING MODE CONTROL SWITCH		123 1 TO-LDG PROVIDES NOSEWHEEL STEERING PROPORTIONAL TO RUDDER PEDAL 2 MOVEMENT. TAXI PROVIDES INCREASED NOSEWHEEL STEERING ANGLES 3 TO MAKE A/V MORE MANEUVERABLE DURING TAXI 4 2 POS TOGGLE SWITCH				4	
G02020X	STEER ENGAGE-DISENGAGE SWITCH		125678 1 PROVIDES MEANS TO ENGAGE OR DISENGAGE NOSEWHEEL STEERING WHEN A/V 2 WEIGHT IS ON BOTH MAIN GEARS 3 LOCATED ON LEFT SIDE OF EACH CONTROL STICK 4 3 POSITIONS ARE (MOMENTARY, MAINTAINED, MOMENTARY) 5 MUST BE MANUALLY ENGAGED AFTER TOUCHDOWN ON LANDING TO OBTAIN 6 STEERING. 7 USED TO OVERRIDE AUTOMATIC DISENGAGING OF NOSEWHEEL STEERING 8 SYSTEM 9 3 POS ROCKER SWITCH				49	
G020201	PIL STEER ENG-DISENG SWITCH		125678 1 PROVIDES MEANS TO ENGAGE OR DISENGAGE NOSEWHEEL STEERING WHEN A/V 2 WEIGHT IS ON BOTH MAIN GEARS 3 LOCATED ON LEFT SIDE OF EACH CONTROL STICK 4 3 POSITIONS ARE (MOMENTARY, MAINTAINED, MOMENTARY) 5 MUST BE MANUALLY ENGAGED AFTER TOUCHDOWN ON LANDING TO OBTAIN 6 STEERING. 7 USED TO OVERRIDE AUTOMATIC DISENGAGING OF NOSEWHEEL STEERING 8 SYSTEM 9 3 POS ROCKER SWITCH				49	
G020202	COP STEER ENG-DISENG SWITCH		125678 1 PROVIDES MEANS TO ENGAGE OR DISENGAGE NOSEWHEEL STEERING WHEN A/V 2 WEIGHT IS ON BOTH MAIN GEARS 3 LOCATED ON LEFT SIDE OF EACH CONTROL STICK 4 3 POSITIONS ARE (MOMENTARY, MAINTAINED, MOMENTARY) 5 MUST BE MANUALLY ENGAGED AFTER TOUCHDOWN ON LANDING TO OBTAIN 6 STEERING. 7 USED TO OVERRIDE AUTOMATIC DISENGAGING OF NOSEWHEEL STEERING 8 SYSTEM 9 3 POS ROCKER SWITCH				49	
G0203	LANDING/TAXI LIGHT CONTROL SW		123 1 CONTROLS THE THREE LANDING/TAXI LIGHTS 2 LDG (TG-LDG) - ILLUMINATES ALL 3 LIGHTS FOR TAKEOFF AND LANDING 3 TAXI - ILLUMINATES ONE LIGHT FOR TAXI 4 4 POS TOGGLE SWITCH				4	23

PAGE116
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
G0204 NOSEWHEEL STEERING CAUTION LT	56	234				I	
		1		AMBER IN COLOR-CAUTION LIGHT			
		2		ILLUMINATES WHENEVER NOSEWHEEL STEERING SYSTEM AUTOMATICALLY			
		3		DISENGAGES CAUTIONING PILOTS OF LOSS OF STEERING			
		4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		5		HOLD MOMENTARY STEER ENGAGE/STEER DISENGAGE SWITCH IN THE STEER ENGAGE			
		6		POSITION			
G03 BRAKE CONTROL PANEL		12		CONTAINS TWO BRAKE CONTROLS. EMERGENCY BRAKE SELECTION AND		3	
		1		PARKING BRAKE CONTROL			
		2		THIS IS A UNIT			
		3				145	
G0301 EMERGENCY BRAKE SWITCH		23		LEVER-LOCKED			
		1		ACTUATION TO EMERG SHUTS OFF ANTI-SKID SYSTEM AND PROVIDES PRESSURE			
		2		TO POWER THE DUAL BRAKING SYSTEM			
		3		CODED AS EMERGENCY CONTROL			
		4		2 POS TOGGLE SWITCH			
		5		2345		16	
G0302 PARKING BRAKE CONTROL SWITCHLT	7						
		1		GREEN LIGHTED			
		2		WHEN DEPRESSED, LOCKS BRAKES IN PARK IF THE OPERATED BRAKES ON			
		3		THE RUDDER PEDALS HAVE BEEN DEPRESSED			
		4		GREEN LIGHT WILL ILLUMINATE IF PARKING BRAKE IS LOCKED			
		5		OPERATIONAL ANY TIME BATT SWITCH ON ELEC PANEL IS IN AUTO/ON POS			
		6		SWITCH LIGHT			
		7		N-A			
G04 HOT BRAKE CAUTION LIGHT	5	234				1	
		1		AMBER IN COLOR-CAUTION LIGHT			
		2		ILLUMINATES WHENEVER HOT BRAKE SENSORS SENSE 600(+OR-115 DEG F			
		3		TEMP LIMIT IN BRAKING SYSTEM			
		4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
		5		NOTE LIGHT AND TAKE ACTION APPROPRIATE TO THE SITUATION		5	1
H01010X HYDRAULIC QUANTITY INDICATORS		1234					
		1		INDICATE HYDRAULIC FLUID LEVEL IN EACH OF FOUR SYSTEMS' RESERVOIR			
		2		WORKS IN CONJUNCTION WITH HYD CAUTION LIGHT, WHICH ILLUMINATES IF			
		3		HYDRAULIC FLUID LEVEL IN SYS 1 AND 4 FALLS BELOW 6 GALLONS, OR FLUID			
		4		LEVEL IN HYDRAULIC RESERVOIRS FOR SYS 2 AND 3 FALLS BELOW 11 GALLONS			
		5		DISPLAY IS A DIAL			
H010101 #1 HYD QUANTITY INDICATOR		1234				5	1
		1		INDICATE HYDRAULIC FLUID LEVEL IN EACH OF FOUR SYSTEMS' RESERVOIR			
		2		WORKS IN CONJUNCTION WITH HYD CAUTION LIGHT, WHICH ILLUMINATES IF			
		3		HYDRAULIC FLUID LEVEL IN SYS 1 AND 4 FALLS BELOW 6 GALLONS, OR FLUID			
		4		LEVEL IN HYDRAULIC RESERVOIRS FOR SYS 2 AND 3 FALLS BELOW 11 GALLONS			
		5		DISPLAY IS A DIAL			
H010102 #2 HYD QUANTITY INDICATOR		1234				5	1
		1		INDICATE HYDRAULIC FLUID LEVEL IN EACH OF FOUR SYSTEMS' RESERVOIR			
		2		WORKS IN CONJUNCTION WITH HYD CAUTION LIGHT, WHICH ILLUMINATES IF			
		3		HYDRAULIC FLUID LEVEL IN SYS 1 AND 4 FALLS BELOW 6 GALLONS, OR FLUID			
		4		LEVEL IN HYDRAULIC RESERVOIRS FOR SYS 2 AND 3 FALLS BELOW 11 GALLONS			
		5		DISPLAY IS A DIAL			

PAGE117
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
#3 HYD QUANTITY INDICATOR	1 2 3 4 5	1234 INDICATE HYDRAULIC FLUID LEVEL IN EACH OF FOUR SYSTEMS' RESERVOIR WORKS IN CONJUNCTION WITH HYD CAUTION LIGHT, WHICH ILLUMINATES IF HYDRAULIC FLUID LEVEL IN SYS 1 AND 4 FALLS BELOW 6 GALLONS, OR FLUID LEVEL IN HYDRAULIC RESERVOIRS FOR SYS 2 AND 3 FALLS BELOW 11 GALLONS DISPLAY IS A DIAL				5	1
#4 HYD QUANTITY INDICATOR	1 2 3 4 5	1234 INDICATE HYDRAULIC FLUID LEVEL IN EACH OF FOUR SYSTEMS' RESERVOIR WORKS IN CONJUNCTION WITH HYD CAUTION LIGHT, WHICH ILLUMINATES IF HYDRAULIC FLUID LEVEL IN SYS 1 AND 4 FALLS BELOW 6 GALLONS, OR FLUID LEVEL IN HYDRAULIC RESERVOIRS FOR SYS 2 AND 3 FALLS BELOW 11 GALLONS DISPLAY IS A DIAL				5	1
HYDRAULIC PRESSURE INDICATORS							
#1 HYD PRESSURE INDICATOR	1 2 3 4 5	1234 INDICATES HYDRAULIC SYSTEM PRESSURE OF EACH OF THE FOUR, DUAL-PUMP HYDRAULIC SYSTEMS WORKS IN CONJUNCTION WITH HYDRAULIC CAUTION LIGHT, WHICH ILLUMINATES WHEN PRESSURE IN ANY SYSTEM FALLS BELOW 2150 PSI				5	12
#2 HYD PRESSURE INDICATOR	1 2 3 4 5	1234 INDICATES HYDRAULIC SYSTEM PRESSURE OF EACH OF THE FOUR, DUAL-PUMP HYDRAULIC SYSTEMS WORKS IN CONJUNCTION WITH HYDRAULIC CAUTION LIGHT, WHICH ILLUMINATES WHEN PRESSURE IN ANY SYSTEM FALLS BELOW 2150 PSI				5	12
#3 HYD PRESSURE INDICATOR	1 2 3 4 5	1234 INDICATES HYDRAULIC SYSTEM PRESSURE OF EACH OF THE FOUR, DUAL-PUMP HYDRAULIC SYSTEMS WORKS IN CONJUNCTION WITH HYDRAULIC CAUTION LIGHT, WHICH ILLUMINATES WHEN PRESSURE IN ANY SYSTEM FALLS BELOW 2150 PSI				5	12
#4 HYD PRESSURE INDICATOR	1 2 3 4 5	1234 INDICATES HYDRAULIC SYSTEM PRESSURE OF EACH OF THE FOUR, DUAL-PUMP HYDRAULIC SYSTEMS WORKS IN CONJUNCTION WITH HYDRAULIC CAUTION LIGHT, WHICH ILLUMINATES WHEN PRESSURE IN ANY SYSTEM FALLS BELOW 2150 PSI				5	12
HYDRAULIC INDICATOR TEST	1 2 3 4 5 6 7	123456 TESTS THE OPERATION OF FOUR HYDRAULIC QUANTITY INDICATORS DEPRESSION OF BUTTON DRIVES INDICATOR POINTERS COUNTERCLOCKWISE RELEASE OF BUTTON ALLOWS INDICATOR POINTERS TO RETURN TO ACTUAL QUANTITY READINGS LACK OF COUNTERCLOCKWISE MOTION DURING TESTING DENOTES FAULTY INDICATOR CONTROL IS A PUSHBUTTON SWITCH				2347	234

PAGE118 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
HC26101	HYDRAULIC LIGHT	450	1 2 3 4 5 6 7	123	ILLUMINATES WHEN HYDRAULIC PRESSURE IN ANY OF THE FOUR HYDRAULIC SYSTEMS DROPS BELOW 2150 PSI, WOULD NORMALLY INDICATE A SECOND PUMP FAILURE OR LOSS OF HYDRAULIC FLUID FROM THAT SYSTEM PUSH MASTER CAUTION SWITCHLIGHT TO EXTINGUISH, RESET HYD LIGHT - REFER TO HYDRAULIC PRESSURE GAGES - MAKE APPROPRIATE ADJUSTMENT IN MISSION, DEPENDING ON SEVERITY OF FAILURE(S) CAUTION LIGHT		7	123
J01	ENGINE START DISPLAYS		1		INCLUDES J0101 THROUGH J0108		1	
J010X	ENGINE INSTRUMENTS		1		MEASURES NOZZLE AREA, THROTTLE POSITION, FAN DISCHARGE PRESSURE, FAN INLET PRESSURE		5	4
J01010X	POWER LEVEL INDICATOR		1		CADS MEASUREMENT IS TOTAL TEMPERATURE			
			2		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS			
			3		VERTICAL TAPE DISPLAY			
J01010X01	PWR LEVEL WARNING LIGHTS	34	1 2 3 4 5	1	APPEARS AT TOP OF AFFECTED DISPLAYS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		2	
			1		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS		5	4
J010101	POWER LEVEL INDICATOR-ENG #1		1		MEASURES NOZZLE AREA, THROTTLE POSITION, FAN DISCHARGE PRESSURE, FAN INLET PRESSURE			
			2		CADS MEASUREMENT IS TOTAL TEMPERATURE			
			3		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS			
			4		VERTICAL TAPE DISPLAY			
J01010101	#1 ENG PWR LEVEL OFF IND	34	1 2 3 4 5	1	APPEARS AT TOP OF AFFECTED DISPLAYS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		2	
			1		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS		5	4
J010102	POWER LEVEL INDICATOR-ENG #2		1		MEASURES NOZZLE AREA, THROTTLE POSITION, FAN DISCHARGE PRESSURE, FAN INLET PRESSURE			
			2		CADS MEASUREMENT IS TOTAL TEMPERATURE			
			3		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS			
			4		VERTICAL TAPE DISPLAY			
J01010201	#2 ENG PWR LEVEL OFF IND	34	1 2 3 4 5	1	APPEARS AT TOP OF AFFECTED DISPLAYS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		2	
			1		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS		5	4
J010103	POWER LEVEL INDICATOR-ENG #3		1		MEASURES NOZZLE AREA, THROTTLE POSITION, FAN DISCHARGE PRESSURE, FAN INLET PRESSURE			
			2		CADS MEASUREMENT IS TOTAL TEMPERATURE			
			3		LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS			
			4		VERTICAL TAPE DISPLAY			

PAGE119
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J01G10301	34	1 2 3 4 5	1 2 3 4 5	APPEARS AT TOP OF AFFECTED DISPLAYS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS	2		
J010104		1 2 3 4 5	1 2 3 4 5	MEASURES NOZZLE AREA, THROTTLE POSITION, FAN DISCHARGE PRESSURE, FAN INLET PRESSURE CADS MEASUREMENT IS TOTAL TEMPERATURE LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS VERTICAL TAPE DISPLAY			
J01010401	34	1 2 3 4 5	1 2 3 4 5	APPEARS AT TOP OF AFFECTED DISPLAYS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS LOSS OF POWER OR VALID SIGNAL DISPLAYED BY AMBER WARNING LIGHTS	2		
J01020X		1 2 3	1 2 3	INDICATES SPEED OF ROTATION FOR ENGINE FAN ROTORS SCALE RANGE FROM 0 TO 116 PERCENT RPM VERTICAL TAPE DISPLAY	3		
J01020X01	5	1 2 3 4 5 6	1 2 3 4 5 6	136 LIGHTS ENERGIZED WHEN FAN RPM FOR RELATED ENGINE EXCEEDS 107 PERCENT WARNING LIGHTS APPEAR ABOVE RELATED TAPE DISPLAY LIGHTS REMAIN ILLUMINATED UNTIL OUT-OF-TOLERANCE CONDITION CLEARS CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS	4		
J01020X02	45	1 2 3 4 5	1 2 3 4 5	1 LOSS OF POWER OR VALID SIGNALS TO THIS INDICATOR CAUSES 'OFF' SIGNAL SIGNAL APPEARS AT TOP OF AFFECTED TAPE DISPLAY WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS	3		
J010201		1 2 3	1 2 3	1 INDICATES SPEED OF ROTATION FOR ENGINE FAN ROTORS SCALE RANGE FROM 0 TO 116 PERCENT RPM VERTICAL TAPE DISPLAY	3		
J01020101	5	1 2 3 4 5 6	1 2 3 4 5 6	136 LIGHTS ENERGIZED WHEN FAN RPM FOR RELATED ENGINE EXCEEDS 107 PERCENT WARNING LIGHTS APPEAR ABOVE RELATED TAPE DISPLAY LIGHTS REMAIN ILLUMINATED UNTIL OUT-OF-TOLERANCE CONDITION CLEARS CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS	4		
J01020102	45	1 2 3 4 5	1 2 3 4 5	1 LOSS OF POWER OR VALID SIGNALS TO THIS INDICATOR CAUSES 'OFF' SIGNAL SIGNAL APPEARS AT TOP OF AFFECTED TAPE DISPLAY WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS	3		

PAGE120 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPL	*VALUES
J010202	#2 FAN RPM INDICATOR		1 2 3		INDICATES SPEED OF ROTATION FOR ENGINE FAN ROTORS SCALE RANGE FROM 0 TO 110 PERCENT RPM VERTICAL TAPE DISPLAY		3	2
J01020201	#2 FAN RPM CAUTION LIGHT	5	1 2 3 4 5 6		LIGHTS ENERGIZED WHEN FAN RPM FOR RELATED ENGINE EXCEEDS 107 PERCENT WARNING LIGHTS APPEAR ABOVE RELATED TAPE DISPLAY LIGHTS REMAIN ILLUMINATED UNTIL OUT-OF-TOLERANCE CONDITION CLEARS CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS		4	
J01020202	#2 FAN RPM WARNING LIGHT	45	1 2 3 4 5		1 LOSS OF POWER OR VALID SIGNALS TO THIS INDICATOR CAUSES 'OFF' SIGNAL SIGNAL APPEARS AT TOP OF AFFECTED TAPE DISPLAY WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	2
J010203	#3 FAN RPM INDICATOR		1 2 3		INDICATES SPEED OF ROTATION FOR ENGINE FAN ROTORS SCALE RANGE FROM 0 TO 110 PERCENT RPM VERTICAL TAPE DISPLAY		4	
J01020301	#3 FAN RPM CAUTION LIGHT	5	1 2 3 4 5 6		LIGHTS ENERGIZED WHEN FAN RPM FOR RELATED ENGINE EXCEEDS 107 PERCENT WARNING LIGHTS APPEAR ABOVE RELATED TAPE DISPLAY LIGHTS REMAIN ILLUMINATED UNTIL OUT-OF-TOLERANCE CONDITION CLEARS CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS		3	
J01020302	#3 FAN RPM WARNING LIGHT	45	1 2 3 4 5		1 LOSS OF POWER OR VALID SIGNALS TO THIS INDICATOR CAUSES 'OFF' SIGNAL SIGNAL APPEARS AT TOP OF AFFECTED TAPE DISPLAY WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	2
J010204	#4 FAN RPM INDICATOR		1 2 3		INDICATES SPEED OF ROTATION FOR ENGINE FAN ROTORS SCALE RANGE FROM 0 TO 110 PERCENT RPM VERTICAL TAPE DISPLAY		4	
J01020401	#4 FAN RPM CAUTION LIGHT	5	1 2 3 4 5 6		LIGHTS ENERGIZED WHEN FAN RPM FOR RELATED ENGINE EXCEEDS 107 PERCENT WARNING LIGHTS APPEAR ABOVE RELATED TAPE DISPLAY LIGHTS REMAIN ILLUMINATED UNTIL OUT-OF-TOLERANCE CONDITION CLEARS CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS		3	
J01020402	#4 FAN RPM WARNING LIGHT	45	1 2 3 4 5		1 LOSS OF POWER OR VALID SIGNALS TO THIS INDICATOR CAUSES 'OFF' SIGNAL SIGNAL APPEARS AT TOP OF AFFECTED TAPE DISPLAY WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	

PAGE121 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J01030X	ENGINE TEMPERATURE INDICATOR		1 2 3 4 5 6	2345	VALUES IN DEGREES CENTIGRADE MEASURES EXHAUST GAS TEMPERATURE, DISPLAYED BELOW 750 DEGREES MEASURES TURBINE BLADE TEMPERATURE, DISPLAYED ABOVE 750 DEGREES INFORMATION CAN BE USED TO MONITOR HOT STARTS AND TO VERIFY NORMAL OPERATING TEMPERATURE LEVELS VERTICAL TAPE DISPLAY		6	1
J01030X02	ENG TEMP WARNING LIGHTS	67	1 2 3 4 5 6 7	234	WARNING LIGHTS APPEAR AT TOP OF AFFECTED TAPE DISPLAYS WARNING LIGHTS APPEAR WHEN TURBINE BLADE TEMP EXCEEDS SAFE LIMITS, REMAINS ILLUMINATED UNTIL CONDITION IS CORRECTED LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING LIGHTS WARNING LIGHTS-OFF TAPE MARKERS MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		5 6	1
J010301	ENGINE 1 TEMP INDICATOR		1 2 3 4 5 6	2345	VALUES IN DEGREES CENTIGRADE MEASURES EXHAUST GAS TEMPERATURE, DISPLAYED BELOW 750 DEGREES MEASURES TURBINE BLADE TEMPERATURE, DISPLAYED ABOVE 750 DEGREES INFORMATION CAN BE USED TO MONITOR HOT STARTS AND TO VERIFY NORMAL OPERATING TEMPERATURE LEVELS VERTICAL TAPE DISPLAY		5 6	1
J01030102	ENG 1 TEMP WARNING LIGHT	67	1 2 3 4 5 6 7	234	WARNING LIGHTS APPEAR AT TOP OF AFFECTED TAPE DISPLAYS WARNING LIGHTS APPEAR WHEN TURBINE BLADE TEMP EXCEEDS SAFE LIMITS, REMAINS ILLUMINATED UNTIL CONDITION IS CORRECTED LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING LIGHTS WARNING LIGHTS-OFF TAPE MARKERS MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		5 6	1
J010302	ENGINE 2 TEMP INDICATOR		1 2 3 4 5 6	2345	VALUES IN DEGREES CENTIGRADE MEASURES EXHAUST GAS TEMPERATURE, DISPLAYED BELOW 750 DEGREES MEASURES TURBINE BLADE TEMPERATURE, DISPLAYED ABOVE 750 DEGREES INFORMATION CAN BE USED TO MONITOR HOT STARTS AND TO VERIFY NORMAL OPERATING TEMPERATURE LEVELS VERTICAL TAPE DISPLAY		5 6	1
J01030202	ENG 2 TEMP WARNING LIGHT	67	1 2 3 4 5 6 7	234	WARNING LIGHTS APPEAR AT TOP OF AFFECTED TAPE DISPLAYS WARNING LIGHTS APPEAR WHEN TURBINE BLADE TEMP EXCEEDS SAFE LIMITS, REMAINS ILLUMINATED UNTIL CONDITION IS CORRECTED LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING LIGHTS WARNING LIGHTS-OFF TAPE MARKERS MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		5 6	1
J010303	ENGINE 3 TEMP INDICATOR		1 2 3 4 5 6	2345	VALUES IN DEGREES CENTIGRADE MEASURES EXHAUST GAS TEMPERATURE, DISPLAYED BELOW 750 DEGREES MEASURES TURBINE BLADE TEMPERATURE, DISPLAYED ABOVE 750 DEGREES INFORMATION CAN BE USED TO MONITOR HOT STARTS AND TO VERIFY NORMAL OPERATING TEMPERATURE LEVELS VERTICAL TAPE DISPLAY		5 6	1

PAGE122 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J01030302	ENG 3 TEMP WARNING LIGHT	67	234 1 2 3 4 5 6 7	1 1 2 3 4 5 6 7	WARNING LIGHTS APPEAR AT TOP OF AFFECTED TAPE DISPLAYS WARNING LIGHTS APPEAR WHEN TURBINE BLADE TEMP EXCEEDS SAFE LIMITS. REMAINS ILLUMINATED UNTIL CONDITION IS CORRECTED LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING LIGHTS WARNING LIGHTS-OFF TAPE MARKERS MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS	5 5 5 5 5 6 1	5	
J010304	ENGINE 4 TEMP INDICATOR		1 2 3 4 5 6	1 2 3 4 5 6	VALUES IN DEGREES CENTIGRADE MEASURES EXHAUST GAS TEMPERATURE, DISPLAYED BELOW 75C DEGREES MEASURES TURBINE BLADE TEMPERATURE, DISPLAYED ABOVE 75C DEGREES INFORMATION CAN BE USED TO MONITOR HOT STARTS AND TO VERIFY NORMAL OPERATING TEMPERATURE LEVELS VERTICAL TAPE DISPLAY	1 1 1 1 1 1	6	
J01030402	ENG 4 TEMP WARNING LIGHT	67	234 1 2 3 4 5 6 7	1 1 2 3 4 5 6 7	WARNING LIGHTS APPEAR AT TOP OF AFFECTED TAPE DISPLAYS WARNING LIGHTS APPEAR WHEN TURBINE BLADE TEMP EXCEEDS SAFE LIMITS. REMAINS ILLUMINATED UNTIL CONDITION IS CORRECTED LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING LIGHTS WARNING LIGHTS-OFF TAPE MARKERS MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS	5 5 5 5 5 5 5	5	
J01040X	FUEL FLOW INDICATOR-TAPES		1 2 3 4 5	1 2 3 4 5	DISPLAYS FUEL FLOW IN PPH X 1000 INFORMATION PROVIDED CAN BE USED TO MONITOR FOR POTENTIAL HOT STARTS VERIFIES AFTERBURNER OPERATION IN CONJUNCTION WITH NOZ POS AND PMR LEVEL INDICATORS VERTICAL TAPE DISPLAY	5 5 5 5 5	5	
J01040X01	FF WARNING SIGNALS	3	1 2 3 4	1 2 3 4	SIGNAL DISPLAYED AT LOSS OF POWER OR VALID SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS SIGNALS APPEAR AT TOP OF AFFECTED DISPLAY	2 2 2 2	2	
J010401	FUEL FLOW INDICATOR-TAPE 1		1 2 3 4 5	1 2 3 4 5	DISPLAYS FUEL FLOW IN PPH X 1000 INFORMATION PROVIDED CAN BE USED TO MONITOR FOR POTENTIAL HOT STARTS VERIFIES AFTERBURNER OPERATION IN CONJUNCTION WITH NOZ POS AND PMR LEVEL INDICATORS VERTICAL TAPE DISPLAY	5 5 5 5 5	5	
J01040101	#1 FF WARNING SIGNAL	3	1 2 3 4	1 2 3 4	SIGNAL DISPLAYED AT LOSS OF POWER OR VALID SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS SIGNALS APPEAR AT TOP OF AFFECTED DISPLAY	2 2 2 2	2	
J010402	FUEL FLOW INDICATOR-TAPE 2		1 2 3 4 5	1 2 3 4 5	DISPLAYS FUEL FLOW IN PPH X 1000 INFORMATION PROVIDED CAN BE USED TO MONITOR FOR POTENTIAL HOT STARTS VERIFIES AFTERBURNER OPERATION IN CONJUNCTION WITH NOZ POS AND PMR LEVEL INDICATORS VERTICAL TAPE DISPLAY	5 5 5 5 5	5	

PAGE123
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
JC1040201	3	1	4	SIGNAL DISPLAYED AT LOSS OF POWER OR VALID SIGNAL		2	
		2		WARNING LIGHT-OFF TAPE MARKER			
		3		MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS			
		4		SIGNALS APPEAR AT TOP OF AFFECTED DISPLAY		5	
JC10403		1		DISPLAYS FUEL FLOW IN PPH X 1000			
		2		INFORMATION PROVIDED CAN BE USED TO MONITOR FOR POTENTIAL HUT STARTS			
		3		VERIFIES AFTERBURNER OPERATION IN CONJUNCTION WITH NOZ POS AND PMR			
		4		LEVEL INDICATORS			
		5		VERTICAL TAPE DISPLAY			
JC1040301	3	1	4	SIGNAL DISPLAYED AT LOSS OF POWER OR VALID SIGNAL		2	
		2		WARNING LIGHT-OFF TAPE MARKER			
		3		MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS			
		4		SIGNALS APPEAR AT TOP OF AFFECTED DISPLAY		2	
JC10404		1		DISPLAYS FUEL FLOW IN PPH X 1000			
		2		VERTICAL TAPE DISPLAY			
JC1040401	3	1	4	SIGNAL DISPLAYED AT LOSS OF POWER OR VALID SIGNAL		2	
		2		WARNING LIGHT-OFF TAPE MARKER			
		3		MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS			
		4		SIGNALS APPEAR AT TOP OF AFFECTED DISPLAY		3	1
JC1050X		1		VALUES MEASURED IN PERCENT RPM			
		2		AUXILIARY WINDING ON ENGINE ALTERNATOR IS SIGNAL SOURCE FOR DISPLAY			
		3		VERTICAL TAPE DISPLAY			
JC1050X01	5	1		LIGHTS MOUNTED ABOVE EACH TAPE DISPLAY		4	
		2		LIGHTS ENERGIZE WHEN CORE RPM EXCEEDS 107 PERCENT, REMAINS ILLUMINATED			
		3		UNTIL ABNORMAL CONDITION IS CORRECTED			
		4		CAUTION LIGHT-SIMPLE INDICATOR			
		5		THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF		3	1
JC10501		1		VALUES MEASURED IN PERCENT RPM			
		2		AUXILIARY WINDING ON ENGINE ALTERNATOR IS SIGNAL SOURCE FOR DISPLAY			
		3		VERTICAL TAPE DISPLAY			
JC1050101	5	1		LIGHTS MOUNTED ABOVE EACH TAPE DISPLAY		4	
		2		LIGHTS ENERGIZE WHEN CORE RPM EXCEEDS 107 PERCENT, REMAINS ILLUMINATED			
		3		UNTIL ABNORMAL CONDITION IS CORRECTED			
		4		CAUTION LIGHT-SIMPLE INDICATOR			
		5		THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF		5	1
JC10502		1		VALUES MEASURED IN PERCENT RPM			
		2		AUXILIARY WINDING ON ENGINE ALTERNATOR IS SIGNAL SOURCE FOR DISPLAY			
		3		VERTICAL TAPE DISPLAY			
JC1050201	5	1		LIGHTS MOUNTED ABOVE EACH TAPE DISPLAY		4	
		2		LIGHTS ENERGIZE WHEN CORE RPM EXCEEDS 107 PERCENT, REMAINS ILLUMINATED			
		3		UNTIL ABNORMAL CONDITION IS CORRECTED			
		4		CAUTION LIGHT-SIMPLE INDICATOR			
		5		THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF		5	1

PAGE124 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J010503	ENG 3 CORE RPM INDICATOR	1 2 3	2 1 2 3	VALUES MEASURED IN PERCENT RPM AUXILIARY WINDING ON ENGINE ALTERNATOR IS SIGNAL SOURCE FOR DISPLAY VERTICAL TAPE DISPLAY			3	1
J01050301	ENG 3 CORE RPM CAUTION LIGHT	5	23 1 2 3 4 5	LIGHTS MOUNTED ABOVE EACH TAPE DISPLAY LIGHTS ENERGIZE WHEN CORE RPM EXCEEDS 107 PERCENT, REMAINS ILLUMINATED UNTIL ABNORMAL CONDITION IS CORRECTED CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF			4	1
J010504	ENG 4 CORE RPM INDICATOR	1 2 3	2 1 2 3	VALUES MEASURED IN PERCENT RPM AUXILIARY WINDING ON ENGINE ALTERNATOR IS SIGNAL SOURCE FOR DISPLAY VERTICAL TAPE DISPLAY			4	
J01050401	ENG 4 CORE RPM CAUTION LIGHT	5	23 1 2 3 4 5	LIGHTS MOUNTED ABOVE EACH TAPE DISPLAY LIGHTS ENERGIZE WHEN CORE RPM EXCEEDS 107 PERCENT, REMAINS ILLUMINATED UNTIL ABNORMAL CONDITION IS CORRECTED CAUTION LIGHT-SIMPLE INDICATOR THROTTLE BACK RESPECTIVE ENGINE. IF SITUATION PERSISTS, SHUT ENGINE OFF			4	1
J01060X	NOZZLE POSITION INDICATOR		1 2 3	SCALE GRADUATED IN PERCENT AT FIVE PERCENT INTERVALS VERTICAL TAPE DISPLAY HOUSED IN COMMON CASE WITH CORE RPM INDICATOR			3	
J01060X01	NOZ PGS WARNING SIGNAL	4	1 2 3 4	LIGHTS APPEAR AT TOP OF AFFECTED DISPLAY LOSS OF POWER OR VALID SIGNAL RESULTS IN APPEARANCE OF SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS			2	1
J010601	#1 ENGINE TAPE		1 2 3	SCALE GRADUATED IN PERCENT AT FIVE PERCENT INTERVALS VERTICAL TAPE DISPLAY HOUSED IN COMMON CASE WITH CORE RPM INDICATOR			3	
J01060101	#1 ENGINE OFF TAPE MARKER	4	1 2 3 4	LIGHTS APPEAR AT TOP OF AFFECTED DISPLAY LOSS OF POWER OR VALID SIGNAL RESULTS IN APPEARANCE OF SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS			2	1
J010602	#2 ENGINE TAPE		1 2 3	SCALE GRADUATED IN PERCENT AT FIVE PERCENT INTERVALS VERTICAL TAPE DISPLAY HOUSED IN COMMON CASE WITH CORE RPM INDICATOR			3	
J01060201	#2 ENGINE OFF TAPE MARKER	4	1 2 3 4	LIGHTS APPEAR AT TOP OF AFFECTED DISPLAY LOSS OF POWER OR VALID SIGNAL RESULTS IN APPEARANCE OF SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS			2	1
J010603	#3 ENGINE TAPE		1 2 3	SCALE GRADUATED IN PERCENT AT FIVE PERCENT INTERVALS VERTICAL TAPE DISPLAY HOUSED IN COMMON CASE WITH CORE RPM INDICATOR			3	

PAGE125 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J01G60301	#3 ENGINE OFF TAPE MARKER	4	1 2 3 4	1 2 3 4	LIGHTS APPEAR AT TOP OF AFFECTED DISPLAY LOSS OF POWER OR VALIO SIGNAL RESULTS IN APPEARANCE OF SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	1
J010604	#4 ENGINE TAPE		1 2 3	1 2 3	SCALE GRADUATED IN PERCENT AT FIVE PERCENT INTERVALS VERTICAL TAPE OISPLAY HOUSED IN COMMON CASE WITH CORL RPM INDICATOR		3	2
J01060401	#4 ENGINE OFF TAPE MARKER	4	1 2 3 4	1 2 3 4	LIGHTS APPEAR AT TOP OF AFFECTED OISPLAY LOSS OF POWER OR VALIO SIGNAL RESULTS IN APPEARANCE OF SIGNAL WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	1
J01070X	OIL PRESSURE INDICATOR		1 2 3	1 2 3	READOUT IN PSI (X10) WITH SCALE MARKINGS AT 5 PSI INTERVALS DISPLAYS OUTPUT PRESSURE OF ENGINE-MOUNTED CIRCULATION PUMPS VERTICAL TAPE DISPLAY		6	1
J01G70X01	OIL PRESS CAUTION LIGHTS	8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	LIGHT MOUNTED ABOVE EACH TAPE LIGHTS ENERGIZE WHEN PRESSURE FALLS TO 10PSI OR LOWER, REMAINS ON UNTIL CONDITION IS CORRECTED BOTH OIL QUANTITY AND OIL PRESSURE SHOULD BE SCANNED WHEN CAUTION LIGHTS ENERGIZE CAUTION LIGHT-SIMPLE INDICATOR OIL QTY LESS THAN 30% SHUTDOWN RESPECTIVE ENGINE		3	1
J01070X02	OIL PRESS WARNING SIGNALS	4	1 2 3 4	1 2 3 4	SIGNALS LOCATED AT TOP OF AFFECTED DISPLAY LOSS OF POWER OR VALIO SIGNALS CAUSES APPEARANCE OF SIGNALS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	1
J010701	#1 OIL PRESS INDICATOR TAPE		1 2 3	1 2 3	READOUT IN PSI (X10) WITH SCALE MARKINGS AT 5 PSI INTERVALS DISPLAYS OUTPUT PRESSURE OF ENGINE-MOUNTED CIRCULATION PUMPS VERTICAL TAPE DISPLAY		6	1
J01070101	#1 ENG OIL PRESS CAUTION LIGHT	8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	LIGHT MOUNTED ABOVE EACH TAPE LIGHTS ENERGIZE WHEN PRESSURE FALLS TO 10PSI OR LOWER, REMAINS ON UNTIL CONDITION IS CORRECTED BOTH OIL QUANTITY AND OIL PRESSURE SHOULD BE SCANNED WHEN CAUTION LIGHTS ENERGIZE CAUTION LIGHT-SIMPLE INDICATOR OIL QTY LESS THAN 30% SHUTDOWN RESPECTIVE ENGINE		3	1
J01070102	#1 OIL PRESS OFF MARKER	4	1 2 3 4	1 2 3 4	SIGNALS LOCATED AT TOP OF AFFECTED DISPLAY LOSS OF POWER OR VALIO SIGNALS CAUSES APPEARANCE OF SIGNALS WARNING LIGHT-OFF TAPE MARKER MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		3	1
J010702	#2 OIL PRESS INDICATOR TAPE		1 2 3	1 2 3	READOUT IN PSI (X10) WITH SCALE MARKINGS AT 5 PSI INTERVALS DISPLAYS OUTPUT PRESSURE OF ENGINE-MOUNTED CIRCULATION PUMPS VERTICAL TAPE DISPLAY		3	1

PAGE126 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J01070201	#2 ENG OIL PRESS CAUTION LIGHT	8	23457	1			6	
		1	LIGHT MOUNTED ABOVE EACH TAPE					
		2	LIGHTS ENERGIZE WHEN PRESSURE FALLS TO 10PSI OR LOWER, REMAINS ON UNTIL					
		3	CONDITION IS CORRECTED					
		4	BOTH OIL QUANTITY AND OIL PRESSURE SHOULD BE SCANNED WHEN CAUTION					
		5	LIGHTS ENERGIZE					
		6	CAUTION LIGHT-SIMPLE INDICATOR					
		7	OIL QTY LESS THAN 30%					
		8	SHUTDOWN RESPECTIVE ENGINE					
J01070202	#2 OIL PRESS OFF MARKER	4	2	1			3	
		1	SIGNALS LOCATED AT TOP OF AFFECTED DISPLAY					
		2	LOSS OF POWER OR VALID SIGNALS CAUSES APPEARANCE OF SIGNALS					
		3	WARNING LIGHT-OFF TAPE MARKER					
		4	MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					
J010703	#3 OIL PRESS INDICATOR TAPE		2	2			3	
		1	READOUT IN PSI (X10) WITH SCALE MARKINGS AT 5 PSI INTERVALS					
		2	DISPLAYS OUTPUT PRESSURE OF ENGINE-MOUNTED CIRCULATION PUMPS					
		3	VERTICAL TAPE DISPLAY					
J01070301	#3 ENG OIL PRESS CAUTION LIGHT	8	23457	1			6	
		1	LIGHT MOUNTED ABOVE EACH TAPE					
		2	LIGHTS ENERGIZE WHEN PRESSURE FALLS TO 10PSI OR LOWER, REMAINS ON UNTIL					
		3	CONDITION IS CORRECTED					
		4	BOTH OIL QUANTITY AND OIL PRESSURE SHOULD BE SCANNED WHEN CAUTION					
		5	LIGHTS ENERGIZE					
		6	CAUTION LIGHT-SIMPLE INDICATOR					
		7	OIL QTY LESS THAN 30%					
		8	SHUTDOWN RESPECTIVE ENGINE					
J01070302	#3 OIL PRESS OFF MARKER	4	2	1			3	
		1	SIGNALS LOCATED AT TOP OF AFFECTED DISPLAY					
		2	LOSS OF POWER OR VALID SIGNALS CAUSES APPEARANCE OF SIGNALS					
		3	WARNING LIGHT-OFF TAPE MARKER					
		4	MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					
J010704	#4 OIL PRESS INDICATOR TAPE		2	2			3	
		1	READOUT IN PSI (X10) WITH SCALE MARKINGS AT 5 PSI INTERVALS					
		2	DISPLAYS OUTPUT PRESSURE OF ENGINE-MOUNTED CIRCULATION PUMPS					
		3	VERTICAL TAPE DISPLAY					
J01070401	#4 ENG OIL PRESS CAUTION LIGHT	8	23457	1			6	
		1	LIGHT MOUNTED ABOVE EACH TAPE					
		2	LIGHTS ENERGIZE WHEN PRESSURE FALLS TO 10PSI OR LOWER, REMAINS ON UNTIL					
		3	CONDITION IS CORRECTED					
		4	BOTH OIL QUANTITY AND OIL PRESSURE SHOULD BE SCANNED WHEN CAUTION					
		5	LIGHTS ENERGIZE					
		6	CAUTION LIGHT-SIMPLE INDICATOR					
		7	OIL QTY LESS THAN 30%					
		8	SHUTDOWN RESPECTIVE ENGINE					
J01070402	#4 OIL PRESS OFF MARKER	4	2	1			3	
		1	SIGNALS LOCATED AT TOP OF AFFECTED DISPLAY					
		2	LOSS OF POWER OR VALID SIGNALS CAUSES APPEARANCE OF SIGNALS					
		3	WARNING LIGHT-OFF TAPE MARKER					
		4	MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					

PAGE 127
CODE

J01080X

OIL QUANTITY INDICATOR

*FUNCTION *LOCATION *NAME *SYN *TYPE *VALUES

12345
1 DISPLAYS QUANTITY OF OIL REMAINING IN ENGINE RESERVOIRS IN PERCENT
2 CAPACITY
3 CAUTION LIGHTS, SHARED WITH OIL PRESS INDICATOR, ENERGIZE WHEN OIL
4 QUANTITY FALLS BELOW 30 PERCENT RESERVOIR CAPACITY, REMAIN ON UNTIL
5 CONDITION CLEARS
6 VERTICAL TAPE DISPLAY

J01080X01

OIL QTY WARNING SIGNALS

1 LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING SIGNAL
2 SIGNAL AT TOP OF EACH AFFECTED TAPE DISPLAY
3 WARNING LIGHT-OFF TAPE MARKER
4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS
12345

J010801

#1 OIL QUANTITY TAPE
INDICATOR

1 DISPLAYS QUANTITY OF OIL REMAINING IN ENGINE RESERVOIRS IN PERCENT
2 CAPACITY
3 CAUTION LIGHTS, SHARED WITH OIL PRESS INDICATOR, ENERGIZE WHEN OIL
4 QUANTITY FALLS BELOW 30 PERCENT RESERVOIR CAPACITY, REMAIN ON UNTIL
5 CONDITION CLEARS
6 VERTICAL TAPE DISPLAY

J01080101

#1 OIL QUANT OFF TAPE MARKER

1 LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING SIGNAL
2 SIGNAL AT TOP OF EACH AFFECTED TAPE DISPLAY
3 WARNING LIGHT-OFF TAPE MARKER
4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS
12345

J010802

#2 OIL QUANTITY TAPE
INDICATOR

1 DISPLAYS QUANTITY OF OIL REMAINING IN ENGINE RESERVOIRS IN PERCENT
2 CAPACITY
3 CAUTION LIGHTS, SHARED WITH OIL PRESS INDICATOR, ENERGIZE WHEN OIL
4 QUANTITY FALLS BELOW 30 PERCENT RESERVOIR CAPACITY, REMAIN ON UNTIL
5 CONDITION CLEARS
6 VERTICAL TAPE DISPLAY

J01080201

#2 OIL QUANT OFF TAPE MARKER

1 LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING SIGNAL
2 SIGNAL AT TOP OF EACH AFFECTED TAPE DISPLAY
3 WARNING LIGHT-OFF TAPE MARKER
4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS
12345

J010803

#3 OIL QUANTITY TAPE
INDICATOR

1 DISPLAYS QUANTITY OF OIL REMAINING IN ENGINE RESERVOIRS IN PERCENT
2 CAPACITY
3 CAUTION LIGHTS, SHARED WITH OIL PRESS INDICATOR, ENERGIZE WHEN OIL
4 QUANTITY FALLS BELOW 30 PERCENT RESERVOIR CAPACITY, REMAIN ON UNTIL
5 CONDITION CLEARS
6 VERTICAL TAPE DISPLAY

J01080301

#3 OIL QUANT OFF TAPE MARKER

1 LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING SIGNAL
2 SIGNAL AT TOP OF EACH AFFECTED TAPE DISPLAY
3 WARNING LIGHT-OFF TAPE MARKER
4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS

PAGE CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J010804	#4 OIL QUANTITY TAPE INDICATOR		12345				6	
			1		DISPLAYS QUANTITY OF OIL REMAINING IN ENGINE RESERVOIRS IN PERCENT CAPACITY			
			2		CAUTION LIGHTS SHARED WITH OIL PRESS INDICATOR, ENERGIZE WHEN OIL QUANTITY FALLS BELOW 30 PERCENT RESERVOIR CAPACITY, REMAIN ON UNTIL CONDITION CLEARS			
			3		VERTICAL TAPE DISPLAY		3	
			4		1 LOSS OF POWER OR VALID SIGNAL CAUSES APPEARANCE OF WARNING SIGNAL		2	
			5		SIGNAL AT TOP OF EACH AFFECTED TAPE DISPLAY			
			6		WARNING LIGHT-OFF TAPE MARKER			
J01080401	#4 OIL QUANT OFF TAPE MARKER	4			MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS		1	
			1		DIRECTOR CAUTION LIGHT			
			2		ILLUMINATES (FLASHING) WHEN CAUTION LIGHTS ON ANY OF ENG RPM, ENG TEMP			
			3		ENG CORE RPM, OR ENG OIL PRESS-QTY ILLUMINATES			
			4		PUSH MASTER CAUTION SWITCHLIGHT. REFER TO ILLUMINATED CAUTION LIGHT FOR ACTION REQUIRED		13	
			5		ASSOCIATED LIGHTS ARE ON ENG OPR IND		2	
			6		45678 SWITCH LEVER-LOCKED IN OFF POSITION, REQUIRES HANDLE BE PULLED OUT, SWITCH LEVER-LOCKED IN OFF POSITION, REQUIRES HANDLE BE PULLED OUT			
J020X	ENGINE START SWITCH		1		3 POSITION TOGGLE SWITCH			
			2		RELEASING LOCK, TO REPOSITION SWITCH INTO OR OUT OF OFF POSITION			
			3		AS SWITCH IS MOVED OUT OF OFF POSITION, BREAKING OF OFF CONTACTS WILL ADVANCE ENGINE POWER LEVER TO SETTING COMMANDED BY FLIGHT STATION			
			4		THROTTLE CONTROL			
			5		START SEQUENCE INITIATED FOR ALL ENGINES SIMULTANEOUSLY, INDEPENDENTLY		13	
			6		ALSO COMPATIBLE WITH USE OF ALTERNATE STARTING EQUIPMENT		2	
			7		45678 SWITCH LEVER-LOCKED IN OFF POSITION, REQUIRES HANDLE BE PULLED OUT, SWITCH TOGGLE SWITCH			
			8		3 POSITION TOGGLE SWITCH			
J0201	ENGINE 1 START SWITCH		1		RELEASING LOCK, TO REPOSITION SWITCH INTO OR OUT OF OFF POSITION			
			2		AS SWITCH IS MOVED OUT OF OFF POSITION, BREAKING OF OFF CONTACTS WILL ADVANCE ENGINE POWER LEVER TO SETTING COMMANDED BY FLIGHT STATION			
			3		THROTTLE CONTROL			
			4		START SEQUENCE INITIATED FOR ALL ENGINES SIMULTANEOUSLY, INDEPENDENTLY		13	
			5		ALSO COMPATIBLE WITH USE OF ALTERNATE STARTING EQUIPMENT		2	
			6		45678 SWITCH LEVER-LOCKED IN OFF POSITION, REQUIRES HANDLE BE PULLED OUT, SWITCH TOGGLE SWITCH			
			7		3 POSITION TOGGLE SWITCH			
			8		RELEASING LOCK, TO REPOSITION SWITCH INTO OR OUT OF OFF POSITION			
J0202	ENGINE 2 START SWITCH		1		AS SWITCH IS MOVED OUT OF OFF POSITION, BREAKING OF OFF CONTACTS WILL ADVANCE ENGINE POWER LEVER TO SETTING COMMANDED BY FLIGHT STATION			
			2		THROTTLE CONTROL			
			3		START SEQUENCE INITIATED FOR ALL ENGINES SIMULTANEOUSLY, INDEPENDENTLY			
			4		ALSO COMPATIBLE WITH USE OF ALTERNATE STARTING EQUIPMENT			
			5		45678 SWITCH LEVER-LOCKED IN OFF POSITION, REQUIRES HANDLE BE PULLED OUT, SWITCH TOGGLE SWITCH			
			6		3 POSITION TOGGLE SWITCH			
			7		RELEASING LOCK, TO REPOSITION SWITCH INTO OR OUT OF OFF POSITION			
			8		AS SWITCH IS MOVED OUT OF OFF POSITION, BREAKING OF OFF CONTACTS WILL ADVANCE ENGINE POWER LEVER TO SETTING COMMANDED BY FLIGHT STATION			

PAGE129 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
JG203	ENGINE 3 START SWITCH	1	45678 SWITCH LEVER-LOCKED IN OFF POSITION,REQUIRES HANDLE BE PULLED OUT, 3 POSITION TOGGLE SWITCH 3 RELEASING LOCK,TO REPOSITION SWITCH INTO OR OUT OF OFF POSITION 4 AS SWITCH IS MOVED OUT OF OFF POSITION,BREAKING OF OFF CONTACTS WILL 5 ADVANCE ENGINE POWER LEVER TO SETTING COMMANDED BY FLIGHT STATION 6 THROTTLE CONTROL 7 START SEQUENCE INITIATED FOR ALL ENGINES SIMULTANEOUSLY,INDEPENDENTLY 8 ALSO COMPATIBLE WITH USE OF ALTERNATE STARTING EQUIPMENT				2	13
J0204	ENGINE 4 START SWITCH	1	45678 SWITCH LEVER-LOCKED IN OFF POSITION,REQUIRES HANDLE BE PULLED OUT, 3 POSITION TOGGLE SWITCH 3 RELEASING LOCK,TO REPOSITION SWITCH INTO OR OUT OF OFF POSITION 4 AS SWITCH IS MOVED OUT OF OFF POSITION,BREAKING OF OFF CONTACTS WILL 5 ADVANCE ENGINE POWER LEVER TO SETTING COMMANDED BY FLIGHT STATION 6 THROTTLE CONTROL 7 START SEQUENCE INITIATED FOR ALL ENGINES SIMULTANEOUSLY,INDEPENDENTLY 8 ALSO COMPATIBLE WITH USE OF ALTERNATE STARTING EQUIPMENT				2	13
J03010X	PRIMARY THROTTLE LEVERS-PI	1	IDENTICAL CONTROLS FOR COPILOT ON CENTER PEDESTAL 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3
J030101	#1 THROTTLE LEVER	1	IDENTICAL CONTROLS FOR COPILOT ON CENTER PEDESTAL 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3
J030102	#2 THROTTLE LEVER	1	IDENTICAL CONTROLS FOR COPILOT ON CENTER PEDESTAL 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3
J030103	#3 THROTTLE LEVER	1	IDENTICAL CONTROLS FOR COPILOT ON CENTER PEDESTAL 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3
J030104	#4 THROTTLE LEVER	1	IDENTICAL CONTROLS FOR COPILOT ON CENTER PEDESTAL 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3
J03020X	PRIMARY THROTTLE LEVERS-CO	1	IDENTICAL CONTROLS FOR PILOT ON LEFT CONSOLE 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3
J030201	#1 THROTTLE LEVER	1	IDENTICAL CONTROLS FOR PILOT ON LEFT CONSOLE 2 PILOT AND COPILOT CONTROLS MECHANICALLY LINKED 3 LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND 4 THROTTLE LEVERS				4	3

PAGE130 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J030202	#2 THROTTLE LEVER	1 2 3 4	1 2 3 4	1 2 3 4	IDENTICAL CONTROLS FOR PILOT ON LEFT CONSOLE PILOT AND COPILOT CONTROLS MECHANICALLY LINKED LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND THROTTLE LEVERS		4	3
J030203	#3 THROTTLE LEVER	1 2 3 4	1 2 3 4	1 2 3 4	IDENTICAL CONTROLS FOR PILOT ON LEFT CONSOLE PILOT AND COPILOT CONTROLS MECHANICALLY LINKED LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND THROTTLE LEVERS		4	3
J030204	#4 THROTTLE LEVER	1 2 3 4	1 2 3 4	1 2 3 4	IDENTICAL CONTROLS FOR PILOT ON LEFT CONSOLE PILOT AND COPILOT CONTROLS MECHANICALLY LINKED LOCATION OF THROTTLE LEVER DEPENDS ON ENG OPR IND THROTTLE LEVERS		4	3
J040101	PIL ALT THROTTLE SWITCH 1	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	IDENTICAL SWITCHES FOR COPILOT ON CENTER PEDESTAL SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH 3 POSITION TOGGLE SWITCH		8	234567
J040102	PIL ALT THROTTLE SWITCH 2	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	IDENTICAL SWITCHES FOR COPILOT ON CENTER PEDESTAL SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH 3 POSITION TOGGLE SWITCH		8	234567
J040103	PIL ALT THROTTLE SWITCH 3	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	IDENTICAL SWITCHES FOR COPILOT ON CENTER PEDESTAL SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH 3 POSITION TOGGLE SWITCH		8	234567
J040104	PIL ALT THROTTLE SWITCH 4	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	IDENTICAL SWITCHES FOR COPILOT ON CENTER PEDESTAL SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH 3 POSITION TOGGLE SWITCH		8	234567

PAGE131 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
JC4020X	ALTERNATE THROTTLE SWITCHES-CO	1 2 3 4 5 6 7 8	345678 IDENTICAL SWITCHES FOR PILOT ON LEFT CONSOLE 3 POSITION TOGGLE SWITCH SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH	1			2	
J040201	COP ALT THROTTLE SWITCH 1	1 2 3 4 5 6 7 8	345678 IDENTICAL SWITCHES FOR PILOT ON LEFT CONSOLE 3 POSITION TOGGLE SWITCH SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH	1			2	
J040202	COP ALT THROTTLE SWITCH 2	1 2 3 4 5 6 7 8	345678 IDENTICAL SWITCHES FOR PILOT ON LEFT CONSOLE 3 POSITION TOGGLE SWITCH SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH	1			2	
J040203	COP ALT THROTTLE SWITCH 3	1 2 3 4 5 6 7 8	345678 IDENTICAL SWITCHES FOR PILOT ON LEFT CONSOLE 3 POSITION TOGGLE SWITCH SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH	1			2	
J040204	COP ALT THROTTLE SWITCH 4	1 2 3 4 5 6 7 8	345678 IDENTICAL SWITCHES FOR PILOT ON LEFT CONSOLE 3 POSITION TOGGLE SWITCH SELECTION OF INC POSITION DISENGAGES PRIMARY THROTTLE CONTROL SYSTEM TO FOR SELECTED ENGINE, INCREASES ENGINE THROTTLE SETTING IN PROPORTION TO LENGTH OF TIME POSITION IS MAINTAINED RELEASE OF SWITCH TO MAINTAINED CENTER POSITION HOLDS ENGINE SETTING PRIMARY THROTTLE CONTROL SYSTEM REENGAGED ONLY BY ACTUATION OF NORM THROT RESET SWITCH	1			2	
JC50X02	CORE RPM WARNING SIGNALS	1 2 3 4	1 LOSS OF POWER OR VALID SIGNALS CAUSES SIGNALS TO APPEAR 2 SIGNALS LOCATED AT TOP OF AFFECTED TAPE DISPLAYS 3 WARNING LIGHT-OFF TAPE MARKER 4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS				3	

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
PAGE132 PAGE			23	1			4	
J0501	NORMAL THROTTLE RESET SWITCH-P	1 2 3 4	SIMILAR SWITCH FOR COPILOT ON CENTER PEDESTAL PERMITS REENGAGEMENT OF PRIMARY THROTTLE SUBSEQUENT TO ACTUATION OF ANY ALTER THROT SWITCHES PUSHBUTTON SWITCH-MOMENTARY ACTION					
J050102	ENG 1 CORE RPM WARNING SIGNAL	4	1 LOSS OF POWER OR VALID SIGNALS CAUSES SIGNALS TO APPEAR 2 SIGNALS LOCATED AT TOP OF AFFECTED TAPE DISPLAYS 3 WARNING LIGHT-OFF TAPE MARKER 4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					
J0502	NORMAL THROTTLE RESET SWITCH-C	1 2 3 4	1 SIMILAR SWITCH FOR PILOT ON LEFT CONSOLE 2 PERMITS REENGAGEMENT OF PRIMARY THROTTLE SUBSEQUENT TO ACTUATION OF 3 ANY ALTER THROT SWITCHES 4 PUSHBUTTON SWITCH-MOMENTARY ACTION					
J050202	ENG 2 CORE RPM WARNING SIGNAL	4	1 LOSS OF POWER OR VALID SIGNALS CAUSES SIGNALS TO APPEAR 2 SIGNALS LOCATED AT TOP OF AFFECTED TAPE DISPLAYS 3 WARNING LIGHT-OFF TAPE MARKER 4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					
J050302	ENG 3 CORE RPM WARNING SIGNAL	4	1 LOSS OF POWER OR VALID SIGNALS CAUSES SIGNALS TO APPEAR 2 SIGNALS LOCATED AT TOP OF AFFECTED TAPE DISPLAYS 3 WARNING LIGHT-OFF TAPE MARKER 4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					
J050402	ENG 4 CORE RPM WARNING SIGNAL	4	1 LOSS OF POWER OR VALID SIGNALS CAUSES SIGNALS TO APPEAR 2 SIGNALS LOCATED AT TOP OF AFFECTED TAPE DISPLAYS 3 WARNING LIGHT-OFF TAPE MARKER 4 MONITOR OTHER ENGINE OPERATION INSTRUMENTS TO DETERMINE ENGINE STATUS					
J0601	AUTOMATIC THROTTLE DISCONNECT	1 2 3 4 5	1 SIMILAR SWITCH FOR COPILOT ON CENTER PEDESTAL 2 PROVIDE ONE OF FOUR METHODS TO DISENGAGE AUTOMATIC THROTTLE CONTROL 3 PUSHBUTTON SWITCH 4 MOMENTARY-ACTION SWITCHES, MOUNTED TO PROVIDE CONVENIENT ACCESS, RAPID 5 TRANSITION FROM AUTOMATIC TO MANUAL CONTROL OF ENGINE POWER SETTING					
J0602	AUTOMATIC THROTTLE DISCONNECT	1 2 3 4 5	1 SIMILAR SWITCH FOR PILOT ON LEFT CONSOLE 2 PUSHBUTTON SWITCH 3 PROVIDE ONE OF FOUR METHODS TO DISENGAGE AUTOMATIC THROTTLE CONTROL 4 MOMENTARY-ACTION SWITCHES, MOUNTED TO PROVIDE CONVENIENT ACCESS, RAPID 5 TRANSITION FROM AUTOMATIC TO MANUAL CONTROL OF ENGINE POWER SETTING					

PAGE133
CODE

NAME

IGNITION SWITCH

*VALUES

*TYPE

*SYN

*NAME

*LOCATION

*FUNCTION

*CORR-ACTION

JG701G1

5

34
1 AUTO IS NORMAL MODE OF OPERATION
2 POSITION LEVER LOCKED TILGGE SWITCH
3 AUTO MODE PROVIDES HIGH ENERGY IGNITION
4 SWITCH LEVER-LOCKED IN AUTO POSITION ONLY
5 ACCESSIBLE TO PILOT AND COPILOT

1

2

JG701G2

ENGINE IGNITION ADVISORY
LIGHT

67

ENERGIZES WHEN MAN MODE IS SELECTED, REMAINS ON UNTIL SWITCH IS
REPOSITIONED

1 ADVISORY LIGHT-GREEN
2 LEGEND NOT READABLE WHEN LIGHT NOT ENERGIZED
3 ACCESSIBLE TO PILOT AND COPILOT
4 POSITION ENG IGN SWITCH TO AUTO WHEN LOW ENERGY START SYSTEM IS
5 NO LONGER REQUIRED

3

3

124

JG702

SPEED LOCKUP SWITCH

1267
1 SPEED LOCKUP PERMITS AUTOMATIC INCREASE OF ENGINE IDLE SPEED WHEN AIR
2 VELOCITY EXCEEDS MACH 1.5
3 POSITION TOGGLE SWITCH
4 TOGGLE SWITCH AUTOMATICALLY RESET TO NORMAL WHEN VEHICLE VELOCITY FALLS
5 BELOW MACH 1.3
6 USE OF OFF MODE PERMITS PILOT TO MAKE ENGINE POWER REDUCTIONS TO
7 MINIMUM FLIGHT IDLE SPEED LEVELS
8 SWITCH POSITIONED TO OFF IN EVENT OF CADS FAILURE
9 ACCESSIBLE TO PILOT AND COPILOT

3

3

458

JG70301

ENGINE ANTI-ICE SWITCH

2345
1 ACCESSIBLE TO PILOT AND COPILOT
2 MAN MODE OPENS ENGINE ANTI-ICE BLEED AIR VALVES, REMAINS OPEN UNTIL
3 SWITCH IS REPOSITIONED
4 AUTO MODE LINKS ICE DETECTORS TO ANTI-ICE BLEED AIR VALVES
5 OFF MODE CLOSURES VALVES, TERMINATING INITIATION OF ANTI-ICE CYCLE
6 POSITION TOGGLE SWITCH

6

6

2345

JG70302

ANTI-ICE AIR ON LIGHT

67

34
1 ACCESSIBLE TO PILOT AND COPILOT
2 LIGHT ENERGIZES WHEN ENGINE ANTI-ICE BLEED AIR VALVES ARE OPEN
3 ILLUMINATION OF LIGHT SIGNIFIES ANTI-ICE IS IN PROGRESS FOR ALL
4 FOUR ENGINES
5 ADVISORY LT-GREEN
6 IF ILLUMINATED AFTER ICE CAUTION LIGHT OUT-IT REMINDS CREW TO
7 TURN OFF BLEED AIR BY POSITIONING ANTI-ICE SWITCH TO AUTO

5

5

2

JG8010X

VIBRATION HIGH ANNUNCIATORS

4

12
1 INDICATE VIBRATION FOR A GIVEN ENGINE HAS EXCEEDED LIMITS
2 WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 CAUTION LIGHT
4 THROTTLE BACK RESPECTIVE ENGINE. IF LIGHT PERSISTS, SHUTDOWN ENGINE

JG801G1

VIB HIGH ANNUNCIATOR-ENG #1

4

12
1 INDICATE VIBRATION FOR A GIVEN ENGINE HAS EXCEEDED LIMITS
2 WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 CAUTION LIGHT
4 THROTTLE BACK RESPECTIVE ENGINE. IF LIGHT PERSISTS, SHUTDOWN ENGINE

JG801G2

VIB HIGH ANNUNCIATOR-ENG #2

4

12
1 INDICATE VIBRATION FOR A GIVEN ENGINE HAS EXCEEDED LIMITS
2 WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 CAUTION LIGHT
4 THROTTLE BACK RESPECTIVE ENGINE. IF LIGHT PERSISTS, SHUTDOWN ENGINE

PAGE134 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
JC80103	VIB HIGH ANNUNCIATOR-ENG #3	4	1 2 3 4	12	INDICATE VIBRATION FOR A GIVEN ENGINE HAS EXCEEDED LIMITS WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE. IF LIGHT PERSISTS, SHUTDOWN ENGINE		3	
J080104	VIB HIGH ANNUNCIATOR-ENG #4	4	1 2 3 4	12	INDICATE VIBRATION FOR A GIVEN ENGINE HAS EXCEEDED LIMITS WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE. IF LIGHT PERSISTS, SHUTDOWN ENGINE		3	
JC8020X	OIL HOT ANNUNCIATORS	6	1 2 3 4 5 6	1234	LIGHTS ENERGIZE WHEN ENGINE LUBRICATING OIL TEMP EXCEEDS 300 DEG F WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-INCREASE POWER LEVEL TO AFFECTED ENGINE TO INCREASE FUEL COOLING CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE, OR SHUTDOWN IF LIGHT REMAINS ON		5	
J080201	#1 OIL HOT ANNUNCIATOR	6	1 2 3 4 5 6	1234	LIGHTS ENERGIZE WHEN ENGINE LUBRICATING OIL TEMP EXCEEDS 300 DEG F WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-INCREASE POWER LEVEL TO AFFECTED ENGINE TO INCREASE FUEL COOLING CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE, OR SHUTDOWN IF LIGHT REMAINS ON		5	
J080202	#2 OIL HOT ANNUNCIATOR	6	1 2 3 4 5 6	1234	LIGHTS ENERGIZE WHEN ENGINE LUBRICATING OIL TEMP EXCEEDS 300 DEG F WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-INCREASE POWER LEVEL TO AFFECTED ENGINE TO INCREASE FUEL COOLING CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE, OR SHUTDOWN IF LIGHT REMAINS ON		5	
JC80203	#3 OIL HOT ANNUNCIATOR	6	1 2 3 4 5 6	1234	LIGHTS ENERGIZE WHEN ENGINE LUBRICATING OIL TEMP EXCEEDS 300 DEG F WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-INCREASE POWER LEVEL TO AFFECTED ENGINE TO INCREASE FUEL COOLING CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE, OR SHUTDOWN IF LIGHT REMAINS ON		5	
J080204	#4 OIL HOT ANNUNCIATOR	6	1 2 3 4 5 6	1234	LIGHTS ENERGIZE WHEN ENGINE LUBRICATING OIL TEMP EXCEEDS 300 DEG F WORK IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-INCREASE POWER LEVEL TO AFFECTED ENGINE TO INCREASE FUEL COOLING CAUTION LIGHT THROTTLE BACK RESPECTIVE ENGINE, OR SHUTDOWN IF LIGHT REMAINS ON		5	
J08030X	ACCESSORY DRIVE SYSTEM ANNUNC	7	1 2 3 4 5 6 7	12345	ENERGIZED IN RESPONSE TO MALFUNCTION IN ACCESSORY DRIVE GEARBOX BY LOW OIL PRESSURE OR HIGH OIL TEMPERATURE WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-REDUCE POWER LEVEL TO ENGINE DRIVING THE MALFUNCTIONING AOG OR SHUT DOWN ENGINE COMPLETELY CAUTION LIGHT CONTINUE OPERATION, SHUTDOWN ENGINE OR LIGHTEN LOAD		6	

PAGE135 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
J080301	1 ADS	7	12345 ENERGIZED IN RESPONSE TO MALFUNCTION IN ACCESSORY DRIVE GEARBOX BY LOW OIL PRESSURE OR HIGH OIL TEMPERATURE WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-REDUCE POWER LEVEL TO ENGINE DRIVING THE MALFUNCTIONING ADG OR SHUT DOWN ENGINE COMPLETELY CAUTION LIGHT CONTINUE OPERATION, SHUTDOWN ENGINE OR LIGHTEN LOAD				6	
J080302	2 ADS	7	12345 ENERGIZED IN RESPONSE TO MALFUNCTION IN ACCESSORY DRIVE GEARBOX BY LOW OIL PRESSURE OR HIGH OIL TEMPERATURE WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-REDUCE POWER LEVEL TO ENGINE DRIVING THE MALFUNCTIONING ADG OR SHUT DOWN ENGINE COMPLETELY CAUTION LIGHT CONTINUE OPERATION, SHUTDOWN ENGINE OR LIGHTEN LOAD				6	
J080303	3 ADS	7	12345 ENERGIZED IN RESPONSE TO MALFUNCTION IN ACCESSORY DRIVE GEARBOX BY LOW OIL PRESSURE OR HIGH OIL TEMPERATURE WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-REDUCE POWER LEVEL TO ENGINE DRIVING THE MALFUNCTIONING ADG OR SHUT DOWN ENGINE COMPLETELY CAUTION LIGHT CONTINUE OPERATION, SHUTDOWN ENGINE OR LIGHTEN LOAD				6	
J080304	4 ADS	7	12345 ENERGIZED IN RESPONSE TO MALFUNCTION IN ACCESSORY DRIVE GEARBOX BY LOW OIL PRESSURE OR HIGH OIL TEMPERATURE WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-REDUCE POWER LEVEL TO ENGINE DRIVING THE MALFUNCTIONING ADG OR SHUT DOWN ENGINE COMPLETELY CAUTION LIGHT CONTINUE OPERATION, SHUTDOWN ENGINE OR LIGHTEN LOAD				6	
J09	ENGINE ICE ANNUNCIATOR	9	1 LIGHT ENERGIZES WHEN ICE DETECTOR SENSES ACCRETION OF ICE ON SENSOR INITIAL SIGNAL IS FLASHING IN AUTO MODE WHEN ANTI-ICE SWITCH IS IN AUTO POSITION AND ICE IS SENSED LIGHTS IN STEADY STATE WHEN ANTI-ICE SWITCH IS IN MAN MODE AND ICE IS SENSED LIGHTS IN FLASHING STATE WHEN ANTI-ICE SWITCH IN OFF POSITION AND ICE IS SENSED CAUTION LIGHT POSITION ANTI-ICE SWITCH TO MAN OR AUTO, MONITOR ANTI-ICE AIR ON LIGHT 1 MANAGE ELECTRICAL SYSTEM, IS UNIT IN ITSELF				8	234567 123
L01	ELECTRICAL CONTROL PANEL						1	
L010101	VOLTAGE-FREQ SELECTOR SWITCH		1 345 BUS VALUE=1 BUS, 2 BUS, 3 BUS, 4 BUS. GEN VALUE=1 GEN, 2 GEN, 3 GEN, 4 GEN BUS 2=NORMAL POSITION PROVIDES FOR SELECTION OF GENERATOR, BUS, OR BATTERY POWER SOURCE FOR VOLTAGE READOUT ON ADJACENT VOLTAGE/FREQUENCY METERS 12 POS ROTARY SWITCH				6	123

PAGE136 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
LC10201	VOLTAGE METER	1 2 3 4 5	34 200-260 VAC, 15-35 VDC UPPER METER ON GENERATOR/BUS PROVIDE READOUT OF VOLTAGE FOR MODE SELECTED ON VOLTAGE/FREQ SELECTOR SWITCH METER	2 2	VOLTAGE/FREQUENCY METERS	5	5	1
L010202	FREQUENCY METER	1 2 3 4 5	34 UNITS-HZ LOWER METER ON GENERATOR/BUS READOUT OF FREQUENCY FOR MODE SELECTED ON VOLTAGE/FREQ SELECTOR SW INACTIVE FOR DC FREQ-METER	2 2	VOLTAGE/FREQUENCY METERS	5	5	1
L0103	BATTERY SELECT SWITCH	1 2 3 4 5 6 7 8	18 LEVER LOCKED ALERT ARM ALLOWS BATTERIES TO BE AUTOMATICALLY SWITCHED ON WHEN THE NOSE WHEEL ALERT START SWITCH IS ACTIVATED AUTO/ON CONNECTS EACH BATTERY TO ITS BATTERY BUS PROVIDING POWER FOR APU STARTING, FIRE WARNING AND EXTINGUISHING, AND OTHER SYSTEMS REQUIRING DC POWER PRIOR TO A/V STARTING OFF REMOVES BATTERIES FROM DC BUSES 3 POS TOGGLE SWITCH			18	6	5
L0104	EXTERNAL POWER CONTROL SWITCH	1 2 3 4 5 6	1234 ON UTILIZES A/V SIP TO PULL IN AN ON-EUARD RELAY TO CONNECT AN EXTERNAL POWER SOURCE TO A/V BUS OFF DISCONNECTS EXT POWER FROM A/V BUS MOMENTARY RESET RESETS ON BOARD EXTERNAL POWER MONITOR RESET-MOMENTARY 3 POS TOGGLE SWITCH				126	
L010501	EMERGENCY GENERATOR CONTROL SW	1 2 3 4 5 6	345 GUARDED IN AUTO POSITION IDENTIFIED AS EMERGENCY CONTROL BY ORANGE/BLACK STRIPING ON STARTS EMERGENCY GENERATOR WHICH FEELS ESSENTIAL BUS AUTO (NORMAL POSITION) PROVIDES AUTOMATIC CHANGEOVER TO EMERGENCY GENERATOR UPON LOSS OF NORMAL POWER ON ESSENTIAL BUS 3 POS TOGGLE SWITCH					
LC10502	EMERG GENERATOR ADVISORY LT	34	2 GREEN ADVISORY LIGHT ILLUMINATES WHENEVER EMERGENCY GENERATOR IS ON NO CORRECTIVE ACTION REQUIRED - INFORMS CREW THAT EMERGENCY GENERATOR IS ON LINE				1	
L01060X01	CONSTANT SPEED DRIVE MODE SEL	1 2 3 4 5 6 7 8	4567 GUARDED IN NORM MODE. IDENTIFIED AS EMERGENCY CONTROLS BY ORANGE/BLACK STRIPING DECOUPLE-MOMENTARY NORM-PROVIDES COUPLING BETWEEN ADG AND CSD FOR RESPECTIVE ADD DECOUPLE - DECOUPLES CSD FROM RESPECTIVE ADG - NORMALLY IN REACTION TO ILLUMINATION OF 1,2, OR 3 CSD CAUTION LIGHTS. CSD CANNOT BE RECOUPLED IN FLIGHT 2 POS TOGGLE SWITCH				128	3

PAGE137 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
L01060X02	CSD CAUTION LIGHTS	3	24 1 AMBER IN COLOR-CAUTION LIGHTS 2 ILLUMINATE WHENEVER RESPECTIVE CSD TEMPERATURE EXCEEDS A PRESET LEVEL 3 CORRECTIVE ACTION- MOVE RESPECTIVE CSD MODE SWITCH TO DECOUPLE POS 4 WORK IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS 4567				1	3
L01060101	#1 CONSTANT SPD DRIVE MODE SEL		1 GUARDED IN NORM MODE. IDENTIFIED AS EMERGENCY CONTROLS BY 2 ORANGE/BLACK STRIPING 3 DECOUPLE-MOMENTARY 4 NORM-PROVIDES COUPLING BETWEEN ADG AND CSD FOR RESPECTIVE ADG 5 DECOUPLE - DECOUPLES CSD FROM RESPECTIVE ADG - NORMALLY IN REACTION 6 TO ILLUMINATION OF 1,2, OR 3 CSD CAUTION LIGHTS. 7 CSD CANNOT BE RECOUPLED IN FLIGHT 8 2 POS TOGGLE SWITCH				1	
L01060102	#1 CSD CAUTION LIGHT	3	24 1 AMBER IN COLOR-CAUTION LIGHTS 2 ILLUMINATE WHENEVER RESPECTIVE CSD TEMPERATURE EXCEEDS A PRESET LEVEL 3 CORRECTIVE ACTION- MOVE RESPECTIVE CSD MODE SWITCH TO DECOUPLE POS 4 WORK IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS 4567				1	3
L01060201	#2 CONSTANT SPD DRIVE MODE SEL		1 GUARDED IN NORM MODE. IDENTIFIED AS EMERGENCY CONTROLS BY 2 ORANGE/BLACK STRIPING 3 DECOUPLE-MOMENTARY 4 NORM-PROVIDES COUPLING BETWEEN ADG AND CSD FOR RESPECTIVE ADG 5 DECOUPLE - DECOUPLES CSD FROM RESPECTIVE ADG - NORMALLY IN REACTION 6 TO ILLUMINATION OF 1,2, OR 3 CSD CAUTION LIGHTS. 7 CSD CANNOT BE RECOUPLED IN FLIGHT 8 2 POS TOGGLE SWITCH				1	
L01060202	#2 CSD CAUTION LIGHT	3	24 1 AMBER IN COLOR-CAUTION LIGHTS 2 ILLUMINATE WHENEVER RESPECTIVE CSD TEMPERATURE EXCEEDS A PRESET LEVEL 3 CORRECTIVE ACTION- MOVE RESPECTIVE CSD MODE SWITCH TO DECOUPLE POS 4 WORK IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS 4567				1	3
L01060301	#3 CONSTANT SPD DRIVE MODE SEL		1 GUARDED IN NORM MODE. IDENTIFIED AS EMERGENCY CONTROLS BY 2 ORANGE/BLACK STRIPING 3 DECOUPLE-MOMENTARY 4 NORM-PROVIDES COUPLING BETWEEN ADG AND CSD FOR RESPECTIVE ADG 5 DECOUPLE - DECOUPLES CSD FROM RESPECTIVE ADG - NORMALLY IN REACTION 6 TO ILLUMINATION OF 1,2, OR 3 CSD CAUTION LIGHTS. 7 CSD CANNOT BE RECOUPLED IN FLIGHT 8 2 POS TOGGLE SWITCH				1	
L01060302	#3 CSD CAUTION LIGHT	3	24 1 AMBER IN COLOR-CAUTION LIGHTS 2 ILLUMINATE WHENEVER RESPECTIVE CSD TEMPERATURE EXCEEDS A PRESET LEVEL 3 CORRECTIVE ACTION- MOVE RESPECTIVE CSD MODE SWITCH TO DECOUPLE POS 4 WORK IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS				1	

PAGE138
CODE

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
LC1070X01		1 2 3 4 5		LEVER LOCKED IN ON ON MODE CONNECTS GENERATOR TO RESPECTIVE BUS OFF/RESET DISCONNECTS RESPECTIVE GENERATOR FROM LINE AND RESETS THE SYSTEM FOR ANOTHER ATTEMPT TO RECONNECT GENERATOR TO LINE 2 POS TOGGLE SWITCH		15	
LC1070X02	4	1 2 3 4		AMBER IN COLOR-CAUTION LIGHTS ILLUMINATES TO INDICATE RESPECTIVE GENERATOR TRIPS OFF THE LINE WORKS IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS CYCLE RESPECTIVE GEN MODE SWITCH TO RESET/OFF POSITION THEN TO ON		1 15	
LC1070101		1 2 3 4 5		LEVER LOCKED IN ON ON MODE CONNECTS GENERATOR TO RESPECTIVE BUS OFF/RESET DISCONNECTS RESPECTIVE GENERATOR FROM LINE AND RESETS THE SYSTEM FOR ANOTHER ATTEMPT TO RECONNECT GENERATOR TO LINE 2 POS TOGGLE SWITCH		1	
LC1070102	4	1 2 3 4		AMBER IN COLOR-CAUTION LIGHTS ILLUMINATES TO INDICATE RESPECTIVE GENERATOR TRIPS OFF THE LINE WORKS IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS CYCLE RESPECTIVE GEN MODE SWITCH TO RESET/OFF POSITION THEN TO ON		15	
LC1070201		1 2 3 4 5		LEVER LOCKED IN ON ON MODE CONNECTS GENERATOR TO RESPECTIVE BUS OFF/RESET DISCONNECTS RESPECTIVE GENERATOR FROM LINE AND RESETS THE SYSTEM FOR ANOTHER ATTEMPT TO RECONNECT GENERATOR TO LINE 2 POS TOGGLE SWITCH		1	
LC1070202	4	1 2 3 4		AMBER IN COLOR-CAUTION LIGHTS ILLUMINATES TO INDICATE RESPECTIVE GENERATOR TRIPS OFF THE LINE WORKS IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS CYCLE RESPECTIVE GEN MODE SWITCH TO RESET/OFF POSITION THEN TO ON		15	
LC1070301		1 2 3 4 5		LEVER LOCKED IN ON ON MODE CONNECTS GENERATOR TO RESPECTIVE BUS OFF/RESET DISCONNECTS RESPECTIVE GENERATOR FROM LINE AND RESETS THE SYSTEM FOR ANOTHER ATTEMPT TO RECONNECT GENERATOR TO LINE 2 POS TOGGLE SWITCH		1	
LC1070302	4	1 2 3 4		AMBER IN COLOR-CAUTION LIGHTS ILLUMINATES TO INDICATE RESPECTIVE GENERATOR TRIPS OFF THE LINE WORKS IN CONJUNCTION WITH ELEC AND MASTER CAUTION LIGHTS CYCLE RESPECTIVE GEN MODE SWITCH TO RESET/OFF POSITION THEN TO ON		17	
LC1080X01		1 2 3 4 5 6 7		FLIP-FLOP INDICATOR DISPLAYS ONE OF THREE INDICATIONS BUS TIE IN INDICATED BY TIE CL. ELECTRICAL SEPARATION OF BUSES INDICATED BY TIE OPEN. LACK OF SIGNAL TO INDICATOR INDICATED BY DIAGONAL PATTERN OF BLACK AND WHITE STRIPES = OFF BUS STATUS BETWEEN 1 BUS AND 2 BUS INDICATED BY LEFT INDICATOR BUS STATUS BETWEEN 3 BUS, 4 BUS, 2 BUS INDICATED BY RIGHT INDICATOR ELECTROMECH IND			

PAGE139 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
LC108002	BUS CAUTION LIGHTS	34	1 2 3 4 5	12	ILLUMINATED WHENEVER RESPECTIVE BUS IS OUT WORKS IN CONJUNCTION WITH ELEC CAUTION AND MASTER CAUTION LIGHTS NO CORRECTIVE ACTION POSSIBLE IN FLIGHT - EVALUATE EFFECT OF LOST POWER AND MODIFY FLIGHT PLAN AS REQUIRED CAUTION LIGHTS		5	
LC1080101	LEFT BUS TIE EM INDICATOR		1 2 3 4 5 6 7	23456	FLIP-FLOP INDICATOR DISPLAYS ONE OF THREE INDICATIONS BUS TIE IN INDICATED BY TIE CL. ELECTRICAL SEPARATION OF BUSES INDICATED BY TIE OPEN. LACK OF SIGNAL TO INDICATOR INDICATED BY DIAGONAL PATTERN OF BLACK AND WHITE STRIPES = OFF BUS STATUS BETWEEN 1 BUS AND 2 BUS INDICATED BY LEFT INDICATOR BUS STATUS BETWEEN 3 BUS, 4 BUS, 2 BUS INDICATED BY RIGHT INDICATOR ELECTROMECH IND		17	4
LC1080102	#1 BUS CAUTION LIGHT	34	1 2 3 4 5	12	ILLUMINATED WHENEVER RESPECTIVE BUS IS OUT WORKS IN CONJUNCTION WITH ELEC CAUTION AND MASTER CAUTION LIGHTS NO CORRECTIVE ACTION POSSIBLE IN FLIGHT - EVALUATE EFFECT OF LOST POWER AND MODIFY FLIGHT PLAN AS REQUIRED CAUTION LIGHTS		5	
LC1080103	#2 BUS CAUTION LIGHT	34	1 2 3 4	12	ILLUMINATED WHENEVER RESPECTIVE BUS IS OUT. WORKS IN CONJUNCTION WITH ELEC CAUTION AND MASTER CAUTION LIGHTS NO CORRECTIVE ACTION POSSIBLE IN FLIGHT - EVALUATE EFFECT OF LOST POWER AND MODIFY FLIGHT PLAN AS REQUIRED.			
LC1080201	RIGHT BUS TIE EM INDICATOR		1 2 3 4 5 6 7	23456	FLIP-FLOP INDICATOR DISPLAYS ONE OF THREE INDICATIONS BUS TIE IN INDICATED BY TIE CL. ELECTRICAL SEPARATION OF BUSES INDICATED BY TIE OPEN. LACK OF SIGNAL TO INDICATOR INDICATED BY DIAGONAL PATTERN OF BLACK AND WHITE STRIPES = OFF BUS STATUS BETWEEN 1 BUS AND 2 BUS INDICATED BY LEFT INDICATOR BUS STATUS BETWEEN 3 BUS, 4 BUS, 2 BUS INDICATED BY RIGHT INDICATOR ELECTROMECH IND		17	4
LC1080202	#3 BUS CAUTION LIGHT	34	1 2 3 4 5	12	ILLUMINATED WHENEVER RESPECTIVE BUS IS OUT WORKS IN CONJUNCTION WITH ELEC CAUTION AND MASTER CAUTION LIGHTS NO CORRECTIVE ACTION POSSIBLE IN FLIGHT - EVALUATE EFFECT OF LOST POWER AND MODIFY FLIGHT PLAN AS REQUIRED CAUTION LIGHTS		5	
LC1080203	#4 BUS CAUTION LIGHT	34	1 2 3 4	12	ILLUMINATED WHENEVER RESPECTIVE BUS IS OUT WORKS IN CONJUNCTION WITH ELEC CAUTION AND MASTER CAUTION LIGHTS NO CORRECTIVE ACTION POSSIBLE IN FLIGHT - EVALUATE EFFECT OF LOST POWER AND MODIFY FLIGHT PLAN AS REQUIRED.			
LC10109	ELECTRICAL CAUTION LIGHT		1 2 3 4	123	ILLUMINATES WHENEVER ANY OF CSD, GEN OR BUS CAUTION LIGHTS ARE ON DIRECTS ATTENTION TO ELECTRICAL OVERHEAD PANEL WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT		4	
LC201 LC202 N01	LEFT CIRCUIT BREAKERS RIGHT CIRCUIT BREAKERS ENVIRONMENT CONTROL PANEL		1 2		1 2	CONTROLS FOR ENVIRONMENTAL CONTROL SUBSYSTEM EXCEPT OXYGEN CONTROLS UNIT	2	

		*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
GE140	NAME		23456					
DE	ENGINE BLEED AIR SWITCHES		1 LEVER-LOCKED IN BOTH ON AND OFF				17	456
101010X			2 PROVIDES CONDITIONED ENGINE COMPRESSOR AIR FOR ECS, ENVIR PROTECTION					
			3 SYSTEM AND SECONDARY PRESSURIZATION SYSTEM					
			4 ON POSITION PROVIDES BLEED AIR FROM ENGINE ASSOCIATED WITH SWITCH					
			5 OFF POSITION SHUTS OFF BLEED AIR FROM PARTICULAR ENGINE					
			6 SWITCHES NORMALLY ON					
			7 2 POSITION TOGGLE SWITCH				17	456
1010101	#1 ENGINE BLEED AIR SWITCH		23456					
			1 LEVER-LOCKED IN BOTH ON AND OFF					
			2 PROVIDES CONDITIONED ENGINE COMPRESSOR AIR FOR ECS, ENVIR PROTECTION					
			3 SYSTEM AND SECONDARY PRESSURIZATION SYSTEM					
			4 ON POSITION PROVIDES BLEED AIR FROM ENGINE ASSOCIATED WITH SWITCH					
			5 OFF POSITION SHUTS OFF BLEED AIR FROM PARTICULAR ENGINE					
			6 SWITCHES NORMALLY ON					
			7 2 POSITION TOGGLE SWITCH				17	456
1010102	#2 ENGINE BLEED AIR SWITCH		23456					
			1 LEVER-LOCKED IN BOTH ON AND OFF					
			2 PROVIDES CONDITIONED ENGINE COMPRESSOR AIR FOR ECS, ENVIR PROTECTION					
			3 SYSTEM AND SECONDARY PRESSURIZATION SYSTEM					
			4 ON POSITION PROVIDES BLEED AIR FROM ENGINE ASSOCIATED WITH SWITCH					
			5 OFF POSITION SHUTS OFF BLEED AIR FROM PARTICULAR ENGINE					
			6 SWITCHES NORMALLY ON					
			7 2 POSITION TOGGLE SWITCH				17	456
1010103	#3 ENGINE BLEED AIR SWITCH		23456					
			1 LEVER-LOCKED IN BOTH ON AND OFF					
			2 PROVIDES CONDITIONED ENGINE COMPRESSOR AIR FOR ECS, ENVIR PROTECTION					
			3 SYSTEM AND SECONDARY PRESSURIZATION SYSTEM					
			4 ON POSITION PROVIDES BLEED AIR FROM ENGINE ASSOCIATED WITH SWITCH					
			5 OFF POSITION SHUTS OFF BLEED AIR FROM PARTICULAR ENGINE					
			6 SWITCHES NORMALLY ON					
			7 2 POSITION TOGGLE SWITCH				17	456
1010104	#4 ENGINE BLEED AIR SWITCH		23456					
			1 LEVER-LOCKED IN BOTH ON AND OFF					
			2 PROVIDES CONDITIONED ENGINE COMPRESSOR AIR FOR ECS, ENVIR PROTECTION					
			3 SYSTEM AND SECONDARY PRESSURIZATION SYSTEM					
			4 ON POSITION PROVIDES BLEED AIR FROM ENGINE ASSOCIATED WITH SWITCH					
			5 OFF POSITION SHUTS OFF BLEED AIR FROM PARTICULAR ENGINE					
			6 SWITCHES NORMALLY ON					
			7 2 POSITION TOGGLE SWITCH				17	456
101020X	BLEED AIR CAUTION LIGHTS	7	12345					
			1 ILLUMINATE TO INDICATE OVER HEAT SENSING SYSTEM DETECTS TEMP OF					
			2 50G (+ OR -30) DEGREES ALONG ANY ONE INCH OF SENSOR.					
			3 INDICATES LEAK IN PARTICULAR SYSTEM					
			4 CREW MEMBERS MUST ACTUATE APPROPRIATE ASSOCIATED BLEED SWITCH TO OFF					
			5 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
			6 CAUTION LIGHT					
			7 POSITION ENG BLEED AIR SWITCH ON ENVIR PANEL TO OFF					

PAGE141
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
N010201	7	1 2 3 4 5 6 7	#1 BLEED AIR CAUTION LIGHT	12345 ILLUMINATE TO INDICATE OVER HEAT SENSING SYSTEM DETECTS TEMP OF 500 (+ OR -30) DEGREES ALONG ANY ONE INCH OF SENSOR. INDICATES LEAK IN PARTICULAR SYSTEM CREW MEMBERS MUST ACTUATE APPROPRIATE ASSOCIATED BLEED SWITCH TO OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT POSITION ENG BLEED AIR SWITCH ON ENVIR PANEL TO OFF	6		
N010202	7	1 2 3 4 5 6 7	#2 BLEED AIR CAUTION LIGHT	12345 ILLUMINATE TO INDICATE OVER HEAT SENSING SYSTEM DETECTS TEMP OF 500 (+ OR -30) DEGREES ALONG ANY ONE INCH OF SENSOR. INDICATES LEAK IN PARTICULAR SYSTEM CREW MEMBERS MUST ACTUATE APPROPRIATE ASSOCIATED BLEED SWITCH TO OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT POSITION ENG BLEED AIR SWITCH ON ENVIR PANEL TO OFF	6		
N010203	7	1 2 3 4 5 6 7	#3 BLEED AIR CAUTION LIGHT	12345 ILLUMINATE TO INDICATE OVER HEAT SENSING SYSTEM DETECTS TEMP OF 500 (+ OR -30) DEGREES ALONG ANY ONE INCH OF SENSOR. INDICATES LEAK IN PARTICULAR SYSTEM CREW MEMBERS MUST ACTUATE APPROPRIATE ASSOCIATED BLEED SWITCH TO OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT POSITION ENG BLEED AIR SWITCH ON ENVIR PANEL TO OFF	6		
N010204	7	1 2 3 4 5 6 7	#4 BLEED AIR CAUTION LIGHT	12345 ILLUMINATE TO INDICATE OVER HEAT SENSING SYSTEM DETECTS TEMP OF 500 (+ OR -30) DEGREES ALONG ANY ONE INCH OF SENSOR. INDICATES LEAK IN PARTICULAR SYSTEM CREW MEMBERS MUST ACTUATE APPROPRIATE ASSOCIATED BLEED SWITCH TO OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT POSITION ENG BLEED AIR SWITCH ON ENVIR PANEL TO OFF	6		
N01030X	4	1 2 3 4 5 6 7	L+R BLEED AIR OVERHEAT LIGHTS	ILLUMINATE WHENEVER TEMPERATURE OF MIXED BLEED AIR DOWNSTREAM OF TEMPERATURE CONTROL VALVE EXCEEDS 500 (+ OR -25) DEG F WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-POSITION APPROPRIATE ENGINE BLEED CONTROL TO OFF L BLEED LIGHT- SWITCHES 1 AND 2, R BLEED LIGHT-SWITCHES 3 AND 4 CAUTION LIGHT	6		
N010301	4	1 2 3 4 5 6	LEFT BLEED AIR OVERHEAT LIGHT	ILLUMINATE WHENEVER TEMPERATURE OF MIXED BLEED AIR DOWNSTREAM OF TEMPERATURE CONTROL VALVE EXCEEDS 500 (+ OR -25) DEG F WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CORRECTIVE ACTION-POSITION APPROPRIATE ENGINE BLEED CONTROL TO OFF L BLEED LIGHT- SWITCHES 1 AND 2, R BLEED LIGHT-SWITCHES 3 AND 4 CAUTION LIGHT	6		

PAGE142 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPL	*VALUES
NG10302	RIGHT BLEED AIR OVERHEAT LIGHT	4	1235				6	
		1	ILLUMINATE WHENEVER TEMPERATURE OF MIXED BLEED AIR DOWNSTREAM OF TEMPERATURE CONTROL VALVE EXCEEDS 500 (+ OR -25) DEG F					
		2	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		3	CORRECTIVE ACTION-POSITION APPROPRIATE ENGINE BLEED CONTROL TO OFF					
		4	L BLEED LIGHT- SWITCHES 1 AND 2, R BLEED LIGHT-SWITCHES 3 AND 4					
		5	CAUTION LIGHT					
NG1040X	AIR SOURCE CONTROL SWITCHES		234	5			16	
		1	LEVER- LOCKED IN ON					
		2	1 AND 2 CONTROL FLOW OF AIR FROM 1 AND 2 AVIONICS COOLANT					
		3	REFRIGERATION PACKAGES. ST AND CREW CONTROL STORES AND CREW					
		4	COMPARTMENT REFRIGERATION PACKAGES RESPECTIVELY					
		5	INDIVIDUALLY NAMED: (1,2,ST,CREW) AIR SOURCE SWITCH					
		6	2 POSITION TOGGLE SWITCH					
NG10401	#1 AIR SOURCE CONTROL SWITCH		234	5			16	
		1	LEVER- LOCKED IN ON					
		2	1 AND 2 CONTROL FLOW OF AIR FROM 1 AND 2 AVIONICS COOLANT					
		3	REFRIGERATION PACKAGES. ST AND CREW CONTROL STORES AND CREW					
		4	COMPARTMENT REFRIGERATION PACKAGES RESPECTIVELY					
		5	INDIVIDUALLY NAMED: (1,2,ST,CREW) AIR SOURCE SWITCH					
		6	2 POSITION TOGGLE SWITCH					
NG10402	#2 AIR SOURCE CONTROL SWITCH		234	5			16	
		1	LEVER- LOCKED IN ON					
		2	1 AND 2 CONTROL FLOW OF AIR FROM 1 AND 2 AVIONICS COOLANT					
		3	REFRIGERATION PACKAGES. ST AND CREW CONTROL STORES AND CREW					
		4	COMPARTMENT REFRIGERATION PACKAGES RESPECTIVELY					
		5	INDIVIDUALLY NAMED: (1,2,ST,CREW) AIR SOURCE SWITCH					
		6	2 POSITION TOGGLE SWITCH					
NG10403	STORE AIR SOURCE CONTROL SW		234	5			16	
		1	LEVER- LOCKED IN ON					
		2	1 AND 2 CONTROL FLOW OF AIR FROM 1 AND 2 AVIONICS COOLANT					
		3	REFRIGERATION PACKAGES. ST AND CREW CONTROL STORES AND CREW					
		4	COMPARTMENT REFRIGERATION PACKAGES RESPECTIVELY					
		5	INDIVIDUALLY NAMED: (1,2,ST,CREW) AIR SOURCE SWITCH					
		6	2 POSITION TOGGLE SWITCH					
NG10404	CREW AIR SOURCE CONTROL SW		234	5			16	
		1	LEVER- LOCKED IN ON					
		2	1 AND 2 CONTROL FLOW OF AIR FROM 1 AND 2 AVIONICS COOLANT					
		3	REFRIGERATION PACKAGES. ST AND CREW CONTROL STORES AND CREW					
		4	COMPARTMENT REFRIGERATION PACKAGES RESPECTIVELY					
		5	INDIVIDUALLY NAMED: (1,2,ST,CREW) AIR SOURCE SWITCH					
		6	2 POSITION TOGGLE SWITCH					
NG1050X	ECS OVERHEAT CAUTION LIGHTS	4	123	5				
		1	INDICATE OVERHEAT CONDITION DOWNSTREAM OF RESPECTIVE REFRIGERATION					
		2	PACKAGE					
		3	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		4	CORRECTIVE ACTION- SELECT AIR SOURCE SWITCH OF AFFECTED SYSTEM TO OFF					
		5	CAUTION LIGHT					
NG10501	#1 AIR HOT CAUTION LIGHT	4	123	5				
		1	INDICATE OVERHEAT CONDITION DOWNSTREAM OF RESPECTIVE REFRIGERATION					
		2	PACKAGE					
		3	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		4	CORRECTIVE ACTION- SELECT AIR SOURCE SWITCH OF AFFECTED SYSTEM TO OFF					
		5	CAUTION LIGHT					

PAGE143 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
NC10562	#2 AIR HOT CAUTION LIGHT	4	123 1 INDICATE OVERHEAT CONDITION DOWNSTREAM OF RESPECTIVE REFRIGERATION PACKAGE 2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 CORRECTIVE ACTION- SELECT AIR SOURCE SWITCH OF AFFECTED SYSTEM TO OFF 4 CAUTION LIGHT 5				5	
NC10503	ST AIR HOT CAUTION LIGHT	4	123 1 INDICATE OVERHEAT CONDITION DOWNSTREAM OF RESPECTIVE REFRIGERATION PACKAGE 2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 CORRECTIVE ACTION- SELECT AIR SOURCE SWITCH OF AFFECTED SYSTEM TO OFF 4 CAUTION LIGHT 5				5	
NC10564	CREW AIR HOT CAUTION LIGHT	4	123 1 INDICATE OVERHEAT CONDITION DOWNSTREAM OF RESPECTIVE REFRIGERATION PACKAGE 2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 CORRECTIVE ACTION- SELECT AIR SOURCE SWITCH OF AFFECTED SYSTEM TO OFF 4 CAUTION LIGHT 5				5	
NC106	CREW AIR SOURCE MODE SWITCH		234567 1 CHANNEL-GUARDED, 3 POSITION TOGGLE SWITCH 2 SELECTION OF AIR SOURCE 3 NORM PROVIDES CONDITIONED CABIN AIR AT A RATE NECESSARY TO MAINTAIN PROPER CABIN CONDITIONING AND PRESSURIZATION 4 RAM SHUTS OFF SOURCE OF CONDITIONED AIR AND PROVIDES CABIN WITH AIR FROM A RAM AIR SCOOP 5 RAM USED IF SMOKE IN CABIN OR UPON LOSS OF CONDITIONED AIR 6				1	34567
NC10701	COMPT RAM SCOOP OPEN	346	12 1 ILLUMINATES TO INDICATE ANY OF 4 RAM AIR SCOPES IS OPEN 2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 IF RAM AIR HAS NOT BEEN SELECTED, CORRECTIVE ACTION IS TO CYCLE RAM AIR SWITCH THROUGH RAM BACK TO NORM - IF LIGHT GOES OUT, SCOOP CAUTION LIGHT 4 HAS BEEN RETRACTED 5				5	
NC10702	FUEL COOLING SCOOP C	567	134 1 ILLUMINATES TO INDICATE FUEL COOLING SCOOP UPEN-IE FAIL TO CAUTION LIGHT 2 CLOSE AUTOMATICALLY AS A/V IS ACCELERATED ABOVE Q LIMITS OR CLOSE INADVERTENTLY BELOW A/V Q LIMITS 3 IF FAILURE TO CLOSE- DECELERATE A/V TO PREVENT STRUCTURAL DAMAGE 4 IF CLOSE INADVERTENTLY-PERFORM MISSION PLANNING TAKING INTO ACCOUNT INCREASING FUEL TEMP AND LOSS OF FUEL COOLING 5 6 7 8				2	4
NC1080X	AVIONICS AIR MODE SELECT		123567 1 TO SELECT AVIONICS COOLING AIR MODE 2 CONTROL MODE TO INTERMEDIATE AVIONICS BAY (INTMD) AND THE RIGHT AND LEFT CENTRAL AVIONICS BAY (R CTL, L CTL) 3 NORMALLY IN NORM POSITION 4 CAUTION-DU NOT SELECT OFF POSITION IN FLIGHT 5 ASSOCIATED CAUTION LIGHTS - INTMD COMP HOT, L CTL COMP HOT, R CTL COMP HOT 6 7 8				8	

PAGE 144 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
NC10801	INTRMDT AVIONICS AIR MODE SW	1 2 3 4 5 6 7 8	123567 TO SELECT AVIONICS COOLING AIR MODE CONTROL MODE TO INTERMEDIATE AVIONICS BAY (INTMD) AND THE RIGHT AND LEFT CENTRAL AVIONICS BAY (R CTL, L CTL) NORMALLY IN NORM POSITION CAUTION-DO NOT SELECT OFF POSITION IN FLIGHT ASSOCIATED CAUTION LIGHTS - INTMD COMP HOT, L CTL COMP HOT, R CTL COMP HOT 3 POSITION TOGGLE SWITCH (L CTL, R CTL) 2 POSITION (INTMD) 123567				6	4
NC10802	LFT CNTRL AVIONICS AIR MODE SW	1 2 3 4 5 6 7 8	TO SELECT AVIONICS COOLING AIR MODE CONTROL MODE TO INTERMEDIATE AVIONICS BAY (INTMD) AND THE RIGHT AND LEFT CENTRAL AVIONICS BAY (R CTL, L CTL) NORMALLY IN NORM POSITION CAUTION-DO NOT SELECT OFF POSITION IN FLIGHT ASSOCIATED CAUTION LIGHTS - INTMD COMP HOT, L CTL COMP HOT, R CTL COMP HGT 3 POSITION TOGGLE SWITCH (L CTL, R CTL) 2 POSITION (INTMD) 123567				6	4
NC10803	RT CNTRL AVIONICS AIR MODE SW	1 2 3 4 5 6 7 8	TO SELECT AVIONICS COOLING AIR MODE CONTROL MODE TO INTERMEDIATE AVIONICS BAY (INTMD) AND THE RIGHT AND LEFT CENTRAL AVIONICS BAY (R CTL, L CTL) NORMALLY IN NORM POSITION CAUTION-DO NOT SELECT OFF POSITION IN FLIGHT ASSOCIATED CAUTION LIGHTS - INTMD COMP HOT, L CTL COMP HOT, R CTL COMP HGT 3 POSITION TOGGLE SWITCH (L CTL, R CTL) 2 POSITION (INTMD) 123567				6	4
NC1090X	AVIONICS COMPARTMENTS OVERHEAT	45	1 2 3 4 5 6 7 8	ILLUMINATE TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT I.E. CREW, INTMD, L CTL, R CTL COMPT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CHANGE A/V SPEED/ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION CAUTION LIGHT 123			6	
NC10901	CREW COMPT AVIONICS HOT	45	1 2 3 4 5 6	ILLUMINATE TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT I.E. CREW, INTMD, L CTL, R CTL COMPT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CHANGE A/V SPEED/ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION CAUTION LIGHT 123			6	
NC10902	INTERMEDIATE COMPT HOT	45	1 2 3 4 5 6	ILLUMINATE TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT I.E. CREW, INTMD, L CTL, R CTL COMPT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CHANGE A/V SPEED/ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION CAUTION LIGHT 123			6	

PAGE145
CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
N010903 LEFT CENTRAL COMPT HOT	45	1 2 3 4 5 6	123	ILLUMINATE TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT I.E. CREW, INTMD, L CTL, R CTL COMPT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CHANGE A/V SPEED/ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION CAUTION LIGHT		6	
N010904 RIGHT CENTRAL COMPT HOT	45	1 2 3 4 5 6	123	ILLUMINATE TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT I.E. CREW, INTMD, L CTL, R CTL COMPT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CHANGE A/V SPEED/ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION CAUTION LIGHT		6	
N010905 FWD COMPT HOT CAUTION LIGHT	45	1 2 3 4 5	123	ILLUMINATES TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CHANGE A-V SPEED-ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION.			
N010906 AFT COMPT HOT CAUTION LIGHT	45	1 2 3 4 5	123	ILLUMINATES TO INDICATE OVERHEAT CONDITION IN RESPECTIVE AVIONICS COMPARTMENT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS. CHANGE A-V SPEED-ALTITUDE TO A SAFE OPERATING ENVELOPE AND POSITION RESPECTIVE AVIONICS AIR SWITCH TO RAM POSITION.		5	234
N011001 CREW TEMP MODE SWITCH		1 2 3 4 5	1234	SELECTION OF MODE OF TEMPERATURE CONTROL AUTO MODE PROVIDES 3 DEG REGULATION OF COCKPIT AIR AS ESTABLISHED BY HOT-COLD TEMP CONTROL MAN PROVIDES MANUAL REGULATION OF AIR 2 POSITION TOGGLE SWITCH		3	
N011002 CREW TEMP CONTROL		1 2 3	12	WORKS IN CONJUNCTION WITH MODE SWITCH TO SELECT COMFORTABLE AIR TEMPERATURE IN THE COCKPIT ROTARY CONTROL		14	
N011001 WINDSHIELD POWER SELECT SWITCH		1 2 3 4	1	CENTER-OFF ALLOWS CREW TO SELECT POWER FOR LEFT, RIGHT OR BOTH WINDSHIELDS AND SIDE WINDOW PANELS 4 POSITION TOGGLE SWITCH		9	2345678
N011002 WINDSHIELD MODE SELECT SWITCH		1 2 3 4 5 6 7 8 9	1	SELECT MODE FOR CONTROL OF ICE AND FOG DEFGG-PROVIDES THERMOSTATICALLY CONTROLLED ELECTRICAL HEATING TO WINDSHIELD TO PREVENT FOG WHEN POWER SWITCH IS IN L,R, OR BOTH ANTI-ICE - ELECTRICAL HEATING TO PREVENT ICE BUILD-UP WHEN POWER SWITCH IS IN L,R, OR BOTH ALTER DEFOG-FLOW ON ENGINE BLEED AIR ACROSS WINDSHIELD ALTER ANTI-ICE- HIGH VELOCITY STREAM OF ENGINE BLEED AIR ACROSS OUTER GLASS OF WINDSHIELD TO PREVENT OR REMOVE ICE 4 POSITION TOGGLE SWITCH			

PAGE146 CODE	NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
NC11103	WINDSHIELD WASH SELECT SWITCH		23				14	
		1	MOMENTARY-CENTER OFF					
		2	PROVIDE MEASURED AMOUNT OF SOLUTION ACROSS OUTER SURFACE OF					
		3	PILOTS (L) OR COPILOTS (R) WINDSHIELD					
		4	3 POSITION TOGGLE SWITCH					
NC11104	WINDSHIELD RAIN REPELLENT SW		12345				6	
		1	SELECTION OF L OR R DISPENSES A MEASURED AMOUNT OF RAIN REPELLENT					
		2	SOLUTION ACROSS OUTER SURFACE OF PILOT (L) OR COPILOT (R)					
		3	WINDSHIELD. L OR R ALSO ACTIVATES WINDSHIELD JET BLAST WHEN					
		4	LANDING GEAR EXTENDED AND DEPRESSED BY A/V WEIGHT					
		5	RESET CLOSES RAIN REMOVAL AIR VALVE WHEN ON GROUND					
		6	4 POSITION TOGGLE SWITCH					
NC1110501 NC1110502 NC1120X	WASH QTY EM INDICATOR RAIN REPEL QTY EM INDICATOR WINDSHIELD HOT CAUTION LIGHTS	567	123				4	
		1	ILLUMINATE TO INDICATE TEMPERATURE OF EITHER OR BOTH PILOTS					
		2	WINDSHIELDS AND SIDE WINDOWS ABOVE A PRE-SET TEMPERATURE LIMIT					
		3	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		4	CAUTION LIGHT					
		5	POSITION WSHLD POWER SWITCH TO OFF OR TO L POSITION (R WSHLD HOT)					
		6	OR R POSITION (L WSHLD HOT) WHEN BOTH ILLUMINATE CYCLE WSHLD MODE					
		7	SWITCH TO ANTI-ICE AND RECYCLE INTERMITTENTLY				4	
NC11201	LEFT WINDSHIELD HOT CAUTION LT	567	123					
		1	ILLUMINATE TO INDICATE TEMPERATURE OF EITHER OR BOTH PILOTS					
		2	WINDSHIELDS AND SIDE WINDOWS ABOVE A PRE-SET TEMPERATURE LIMIT					
		3	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		4	CAUTION LIGHT					
		5	POSITION WSHLD POWER SWITCH TO OFF OR TO L POSITION (R WSHLD HOT)					
		6	OR R POSITION (L WSHLD HOT) WHEN BOTH ILLUMINATE CYCLE WSHLD MODE					
		7	SWITCH TO ANTI-ICE AND RECYCLE INTERMITTENTLY				4	
NC11202	RIGHT WINDSHIELD HT CAUTION LT	567	123					
		1	ILLUMINATE TO INDICATE TEMPERATURE OF EITHER OR BOTH PILOTS					
		2	WINDSHIELDS AND SIDE WINDOWS ABOVE A PRE-SET TEMPERATURE LIMIT					
		3	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		4	CAUTION LIGHT					
		5	POSITION WSHLD POWER SWITCH TO OFF OR TO L POSITION (R WSHLD HOT)					
		6	OR R POSITION (L WSHLD HOT) WHEN BOTH ILLUMINATE CYCLE WSHLD MODE					
		7	SWITCH TO ANTI-ICE AND RECYCLE INTERMITTENTLY				4	
NC113	FUEL COOLING LOOP RETURN SW		123				4	
		1	PERMITS COOLING LOOP RETURN VALVES TO BE OPENED BYPASSING RELIEF					
		2	VALVES IN COOLING LOOP RETURN LINES TO MAIN TANKS					
		3	WORKS IN CONJUNCTION WITH CLG FUEL LOOP RTN LIGHT					
		4	2 POSITION TOGGLE SWITCH				5	
NC114	FUEL COOLING LOOP RETURN LIGHT	36	124					
		1	ILLUMINATES TO INDICATE FUEL TEMP AT ENGINE INLET EXCEEDS A					
		2	PRESET LIMIT					
		3	CORRECTIVE ACTION- SELECT OPEN POSITION OF FUEL CLG LOOP RTN SWITCH					
		4	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHT					
		5	CAUTION LIGHT - LEGEND- "FUEL CLG LOOP RTN"					
		6	AND OR INCREASE ENGINE POWER SETTING					

PAGE147
CODE

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
NG115 COOLING FUEL LOOP CROSSOVER SW	123				4	
	1					OPENS COOLING FUEL LOOP CROSSOVER VALVE TO PERMIT EITHER LEFT OR
	2					RIGHT COOLING FUEL LOOPS TO SUPPLY COOLING FUEL FLOW TO BOTH LOOPS
	3					WORKS IN CONJUNCTION WITH CLG FUEL LOOP CRSVR LIGHT
	4					2 POSITION TOGGLE SWITCH
NG116 FUEL COOLING LOOP CROSSOVER LT	123				4	4
	1					ILLUMINATES TO INDICATE PRESSURE RISE ACROSS EITHER L OR R
	2					COOLING LOOP FUEL PUMP FALLS BELOW PRESET LEVEL
	3					WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
	4					CAUTION LIGHT-LEGEND--FUEL CLG LOOP CRSVR
	5					POSITION CRSVR SWITCH TO OPEN - OPERATES COOLING LOOP CROSSOVER VALVE
NC117 PITOT HEAT CONTROL SWITCH	123				4	
	1					ENERGIZES HEATER ELEMENT IN CAOS PITOT HEAD, TOTAL TEMP PROBE, AND
	2					AUA SENSOR WHICH EVAPORATES WATER THAT COLLECTS IN THESE
	3					PROBES DURING HUMID AIR CONDITIONS
	4					2 POSITION TOGGLE SWITCH
NG11801 CABIN OVER 10000 CAUTION LIGHT	457				6	
	1					ILLUMINATES TO INDICATE CABIN PRESSURE LESS THAN EQUIVALENT OF
	2					10000 FT ALTITUDE
	3					WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
	4					CORRECTIVE ACTION-GO ON OXYGEN, REDUCE ALTITUDE; GO ON RAMAIR,
	5					AND CYCLE AIR SELECTOR - REPOSITION CREW AIR SOURCE SWITCH TO
	6					CAUTION LIGHT
	7					ALTER
NG11901 CABIN OVER 42000 WARN LIGHT						
NG11902 CABIN OVER 42000 WARN LIGHT						
NO201 CABIN PRESS ALT INDICATOR						
NO20101 OXYGEN-QUANTITY INDICATOR						
NO202 CABIN OVER 10000 CAUTION LIGHT	6				5	
	1					DISPLAYS QUANTITY OF LIQUID OXYGEN IN LITERS.
	2					READS IN LITERS.
						1234
	1					ILLUMINATES TO INDICATE BREATHING OXYGEN PRESSURE BELOW ESTABLISHED
	2					LIMIT, INDICATOR TEST SWITCH IS PUSHED OR QUANTITY IN BOTH
	3					CONVERTERS GOES TO 2 LITERS
	4					WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
	5					CAUTION LIGHT
	6					MUST DESCEND TO LOWER ALTITUDE WHERE OXYGEN NOT REQUIRED
						1
	1					DISPLAYS CABIN PRESSURE ALTITUDES
	2					DIAL
NO4 CABIN PRESSURE ALTITUDE INDU						
PO1 APU PANEL						
PO1010X MODE SWITCHES						
	2345789					23456789
	1					3 POSITION LEVER-LOCK SWITCH, ONE FOR EACH APU
	2					LEVER LOCK BATTERY SWITCH ON ELECTRICAL CONTROL PANEL MUST BE IN ALERT
	3					ARM OR AUTO/ON POSITION TO POSITION THESE SWITCHES IN START POSITION
	4					HELD IN START POSITION UNTIL EXHAUST TEMP GAGES INDICATE IGNITION-
	5					START HAS TAKEN PLACE
	6					RELEASE OF SWITCH ALLOWS RETURN TO RUN POSITION
	7					APU CONTINUE TO RUN UNTIL APU SENSORS INITIATE AUTOMATIC SHUTDOWN OR
	8					MODE SWITCH PLACED IN OFF POSITION, OR APU STOP SWITCH IN WHEEL IS
	9					DEPRESSED

PAGE CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
PC10101	LEFT APU MODE SWITCH	1 2 3 4 5 6 7 8 9	2345789 3 POSITION LEVER-LOCK SWITCH, ONE FOR EACH APU LEVER LOCK BATTERY SWITCH ON ELECTRICAL CONTROL PANEL MUST BE IN ALERT ARM OR AUTOZON POSITION TO POSITION THESE SWITCHES IN START POSITION HELD IN START POSITION UNTIL EXHAUST TEMP GAGES INDICATE IGNITION- START HAS TAKEN PLACE RELEASE OF SWITCH ALLOWS RETURN TO RUN POSITION APU CONTINUE TO RUN UNTIL APU SENSORS INITIATE AUTOMATIC SHUTDOWN OR MODE SWITCH PLACED IN OFF POSITION, OR APU STOP SWITCH IN WHEEL IS DEPRESSED			1		23456789
P010102	RIGHT APU MODE SWITCH	1 2 3 4 5 6 7 8 9	2345789 3 POSITION LEVER-LOCK SWITCH, ONE FOR EACH APU LEVER LOCK BATTERY SWITCH ON ELECTRICAL CONTROL PANEL MUST BE IN ALERT ARM OR AUTOZON POSITION TO POSITION THESE SWITCHES IN START POSITION HELD IN START POSITION UNTIL EXHAUST TEMP GAGES INDICATE IGNITION- START HAS TAKEN PLACE RELEASE OF SWITCH ALLOWS RETURN TO RUN POSITION APU CONTINUE TO RUN UNTIL APU SENSORS INITIATE AUTOMATIC SHUTDOWN OR MODE SWITCH PLACED IN OFF POSITION, OR APU STOP SWITCH IN WHEEL IS DEPRESSED			1		23456789
PC1020X	APU EXH TEMP GAGE	1 2 3 4 5	1234 DISPLAYS EGT OF LEFT AND RIGHT APU, USED BY CREW FOR MONITORING APU OPERATION TO FACILITATE LOAD SEQUENCING IF HIGH EGT IS INDICATED, SOME LOAD MUST BE REMOVED TO PREVENT A POTENTIAL APU SHUTDOWN DISPLAY IS A DIAL			5		1234
PC10201	LEFT APU EXHAUST TEMP GAGE	1 2 3 4 5	1234 DISPLAYS EGT OF LEFT AND RIGHT APU, USED BY CREW FOR MONITORING APU OPERATION TO FACILITATE LOAD SEQUENCING IF HIGH EGT IS INDICATED, SOME LOAD MUST BE REMOVED TO PREVENT A POTENTIAL APU SHUTDOWN DISPLAY IS A DIAL			5		1234
P010202	RIGHT APU EXHAUST TEMP GAGE	1 2 3 4 5	1234 DISPLAYS EGT OF LEFT AND RIGHT APU, USED BY CREW FOR MONITORING APU OPERATION TO FACILITATE LOAD SEQUENCING IF HIGH EGT IS INDICATED, SOME LOAD MUST BE REMOVED TO PREVENT A POTENTIAL APU SHUTDOWN DISPLAY IS A DIAL			5		1234
P01030X	ANNUNCIATOR LGTS (L RUN, R RUN)	1 2 3 4 5	1234 COLOR CODED GREEN, INDICATE THAT APU IS UP TO ADEQUATE SPEED TO ACCEPT A LOAD THIS IS A FUNCTION OF SPEED, LIGHTS ILLUMINATE WHEN ACCEPTABLE RPM IS SENSED BY RPM SENSOR WITHIN THE SYSTEM NO CORRECTIVE ACTION			12		1234
P010301	LEFT RUN LIGHT	1 2 3 4 5	1234 COLOR CODED GREEN, INDICATE THAT APU IS UP TO ADEQUATE SPEED TO ACCEPT A LOAD THIS IS A FUNCTION OF SPEED, LIGHTS ILLUMINATE WHEN ACCEPTABLE RPM IS SENSED BY RPM SENSOR WITHIN THE SYSTEM NO CORRECTIVE ACTION			12		1234

PAGE 149
CODE

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
RIGHT RUN LIGHT	5	1234				12	1234
		1		COLOR CODED GREEN, INDICATE THAT APU IS UP TO ADEQUATE SPEED TO ACCEPT			
		2		A LOAD			
		3		THIS IS A FUNCTION OF SPEED, LIGHTS ILLUMINATE WHEN ACCEPTABLE RPM IS			
		4		SENSED BY RPM SENSOR WITHIN THE SYSTEM			
		5		NO CORRECTIVE ACTION			
LEFT ADS COUPLE SWITCH		12345				6	12345
		1		I POSITION SELECTS 1 ADS AND IF ENGINE START SWITCH IS IN START			
		2		POSITION, 1 ENGINE WILL BE ROTATED BY APU WHEN ADG DRIVE REACHES SPEED			
		3		2 POSITION INITIATES SAME SEQUENCE FOR 2 ENGINE			
		4		BOTH POSITION INITIATES SAME SEQUENCE FOR BOTH ENGINES AND ADS			
		5		DISEN POSITION DECOUPLES APU FROM EITHER ADG ACCESSORY DRIVE TRAIN			
		6		4 POS TOGGLE SW			
RIGHT ADS COUPLE SWITCH		12345				6	12345
		1		3 POSITION SELECTS 1 ADS AND IF ENGINE START SWITCH IS IN START			
		2		POSITION, 3 ENGINE WILL BE ROTATED BY APU WHEN ADG DRIVE REACHES SPEED			
		3		4 POSITION INITIATES SAME SEQUENCE FOR 4 ENGINE			
		4		BOTH POSITION INITIATES SAME SEQUENCE FOR BOTH ENGINES AND ADS			
		5		DISEN POSITION DECOUPLES APU FROM EITHER ADG ACCESSORY DRIVE TRAIN			
		6		4 POS TOGGLE SW			
LEFT ECS SUPPLY SWITCH		1234				1	
		1		2 POS TOGGLE SWITCH, CONNECTED TO A BLEED AIR VALVE ON APU 1			
		2		THIS SIGNAL MAY BE EMUXED, SINCE APU BLEED AIR WILL NOT BE REQUIRED			
		3		WITHOUT APPROPRIATE POWER, EITHER GROUND OR FLIGHT VEHICLE, TO OPERATE			
		4		ECS SYSTEM.			
RIGHT ECS SUPPLY SWITCH		1234				1	
		1		2 POS TOGGLE SWITCH, CONNECTED TO A BLEED AIR VALVE ON APU 2			
		2		THIS SIGNAL MAY BE EMUXED, SINCE APU BLEED AIR WILL NOT BE REQUIRED			
		3		WITHOUT APPROPRIATE POWER EITHER GROUND OR FLIGHT VEHICLE TO OPERATE			
		4		ECS SYSTEM.			

Q01 KLAXON
Q02 A-V NOSEWHEEL STRUT
Q03 A-V NOSE
Q04 A-V CREW MODULE ENTRY
Q05 ALERT START PUSHBUTTON
Q06 ALERT START PUSH BUTTON
Q07 LADDER RELEASE HANDLE
Q08 A-V ENTRY LADDER
Q09 A-V SEATS
Q10 SEAT ADJUST LEVER
Q100 GO INTERCOM CABLES
Q101 A-V GROUNDING CABLES
Q102 A-V FORWARD FUSELAGE
Q103 A-V NOSE LDG GEAR & EQUIPMENT
Q104 A-V ENTRYWAY EQUIPMENT
Q105 A-V FWD & ITMD FUS & WPNS BAYS
Q106 A-V LER NACELLE'S EXTERIOR
Q107 A-V LER WG CARRY THRU & WGS
Q108 A-V ENGINE EXHAUST DUCTS
Q109 A-V ENGINE AIR INLET DUCTS
Q11 A-V CREW MODULE
Q110 A-V MAIN LANDING GEAR
Q111 A-V AFT INTMD FUSELAGE EXTER

PAGE150
CODE

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
Q112	A-V L & R MACELLES EXTERIOR							
Q113	A-V L & R WG CARRY THRU & WGS							
Q114	A-V FWD & ITMD FUS & WPNS BAYS							
Q116	L ADS COUPLE SWITCH							
Q117	R ADS COUPLE SWITCH							
Q118	ADS COUPLE SWITCH							
Q119	L APU MODE SW							
Q12	SEAT RESTRAINTS							
Q120	L RUN LIGHT							
Q121	R APU MODE SW							
Q122	R RUN LIGHT							
Q123	APU MODE SWITCH							
Q124	L ECS SUPPLY SW							
Q125	R ECS SUPPLY SW							
Q126	ECS SUPPLY SW							
Q127	ENGINE FIRE SWITCHLIGHT 4							
Q128	ENGINE IGNITION SWITCH							
Q129	ALTERNATE THROTTLE SWITCH 4							
Q13	HEADGEAR							
Q130	ENGINE START SWITCH 4							
Q131	R AGENT DISCH SWITCH							
Q132	R MAIN AGENT DISCHARGE LIGHT							
Q133	MSTR AUDIO CUTOFF							
Q134	R RES AGENT DISCHARGE LIGHT							
Q135	R APU FIRE SWITCHLIGHT							
Q136	FIRE DETECTION LIGHT							
Q137	MASTER CAUTION SWITCHLIGHT							
Q138	ENGINE LOOP A LIGHT 4							
Q139	ENGINE LOOP B LIGHT 4							
Q14	CHECKLIST							
Q140	LOOP LOCKOUT SWITCH 4							
Q141	THROTTLE LEVERS							
Q142	EMERGENCY BRAKING							
Q143	ENG FIRE SWITCHLIGHTS							
Q144	L APU FIRE SWITCHLIGHT							
Q145	SPEED BRK CONTROL-PIL							
Q146	COPILOTSUMF							
Q147	CORE RPM INDICATOR							
Q148	LANDING GEAR CONTROL							
Q149	ENG BLEED AIR SWITCH 4							
Q15	ICS							
Q150	PREPARE TO EJECT SWITCHLIGHT							
Q151	EJECTION HANDLE							
Q152	DILUTER-PRESSURE DEMAND RGLTRP							
Q153	OXYGEN MASK P							
Q154	OXYGEN MASK C							
Q155	OXYGEN MASK U							
Q156	OXYGEN MASK D							
Q157	ST AIR SOURCE CONTROL SWITCH							
Q158	INTMD AVIONICS AIR SOURCE SW							
Q159	AIR OUTLETS							
Q16	DSO ICS							

*VALUES

*TYPE

*SYN

*NAME

*LOCATION

*FUNCTION

*CORR-ACTION

PAGE151
CODE

PAGE151 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
Q160	ALL NON-ESSENTIAL ELECT EQUIP							
Q161	R CTL AVIONICS AIR MODE SELECT							
Q162	OXYGEN MASKS							
Q163	OXYGEN REGULATORS							
Q164	SMOKE HOODS							
Q165	CONSOLE							
Q166	ENG BLEED AIR 1							
Q167	ENG BLEED AIR 2							
Q168	ENG BLEED AIR 3							
Q169	RESTRAINT ASSY INERTIAL REEL							
Q170	CO-PILOT ICS							
Q171	SEAT ARMRESTS							
Q172	THROTTLE LEVER 4							
Q173	THROTTLE LEVER 1							
Q174	THROTTLE LEVER 2							
Q175	THROTTLE LEVER 3							
Q176	CONTROL STICK TRIM SWITCH							
Q177	YAW CONTROL TRIM SWITCH							
Q178	NOSE GEAR TIRE							
Q179	MAIN GEAR TIRE							
Q180	MAIN GEAR TIRES							
Q181	CURSOR RANGE SEGMENT							
Q182	PERCENT MAC INDICATOR							
Q183	ENGINE FIRE SWITCHLIGHTS							
Q184	LEFT WINDOW SEVERANCE HANDLE							
Q185	RIGHT WINDOW SEVERANCE HANDLE							
Q186	ESCAPE HATCH SEVERANCE HANDLE							
Q187	OXYGEN REGULATOR							
Q188	EJECTION SEAT PARACHUTE							
Q189	SURVIVAL KIT							
Q190	CIRCUIT BREAKERS							
Q191	DSO CHECKLIST							
Q192	WARNING-CAUTION LIGHTS							
Q193	CREW MODULE DOOR							
Q194	PILOT ICS							
Q195	AIR-VEHICLE							
Q196	VSD							
Q197	TOE BRAKES							
Q198	COPILOTS UHF							
Q199	EJECTION PINS							
Q200	FLIGHT LOG							
Q201	IN FLIGHT PROGRESS CHART							
Q202	FLIGHT PERFORMANCE							
Q203	INDICATORS							
Q204	PARKING BRAKE							
Q205	PILOTS UHF							
Q206	FLASH PROTECTION WINDOW							
Q207	IN-FLIGHT PROGRESS CHART							
Q208	CREW STATION							
Q209	EMO MISSION TAPE							
Q210	X-HAIR CURSORS							

PAGE152 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
Q38	RANGE CURSORS	1	REFERS TO AZIMUTH AND RANGE CURSORS THAT THE USO CAN MOVE WITH HIS TRACKING HANDLE.	12				
Q39	RADAR CURSORS	2						12
Q40	CAUTION-WARNING LIGHTS	1	A UNIT, CONSISTING OF FLT STATION CAUTION PANEL, P-CP ANNUNCIATOR PANELS, B2-1, AND F3-1.3.	12				
Q41	EXECUTION MESSAGE	2						
Q42	CLIMATIC COVERS	1	MESSAGE THAT PERMITS CREW TO PROCEED TO AND CROSS THE HMCL AND DELIVER WEAPONS ON ASSIGNED TARGETS.	12				
Q43	CMF CONTAINER	2	REFERS TO COVERS USED TO PROTECT EXTERNAL SENSORS FROM CLIMATIC CONDITIONS.	1				
Q44	PUBLICATIONS	1	REFERS TO THE CONTAINER THAT HOLDS THE COMBAT MISSION FOLDER OR FILE.	1				
Q45	COMMUNICATION LEADS	1	INCLUDES ENROUTE CHARTS, TERMINAL PROCEDURES, ETC.	12				
Q46	FORM 781	1	INCLUDES ENROUTE CHARTS THAT CONNECT TOGETHER AND TIE THE A-V INTERCOM SYSTEM TO THE CREWMEMBER'S HELMET.	123				
J47	GROUND SAFETY PINS AND LOCKS	2	ELECTRICAL CORDS THAT CONNECT TOGETHER AND TIE THE A-V INTERCOM SYSTEM TO THE CREWMEMBER'S HELMET.	123				
Q48	BOME	1	STANDARD AIRCRAFT FORM WHICH INCLUDES FUEL, ARMAMENT STATUS AND OUTSTANDING DISCREPANCIES AS WELL AS OTHER FACTORS THAT RELATE TO ACCEPTING A SPECIFIC A-V PRIOR TO FLIGHT.	1				
Q49	STORES STATIONS	2						
Q50	PRE-PLANNED DATA SHEET	3						
Q51	HMCL	1	INCLUDES LANDING GEAR DOWNLOCKS AND OTHER PINS AND LOCKS.	1				
Q52	A-V EXTERIOR							
Q53	PERSONAL GEAR							
Q54	COMBAT MISSION FOLDER							
Q55	A-3 BAGS							
Q56	ALERT CHECKLIST							
Q57	CHECKLIST POWR ON*							
Q58	GROUND OBSERVER ILS							
Q59	FORCES							
Q60	PROPAGATION							
Q61	FLOODLIGHTS							
Q62	STORES							
Q63	FLASH PROTECTION DEVICES							
Q64	EXT CREW ENTRYWAY INSPECTION							
Q65	HEADSETS							
Q66	OXYGEN MASK							
Q67	BOOM OPERATOR UHF							
Q68	TANKER PILOT UHF							
Q69	TANKER COPILOT UHF							
Q70	CLIMBOUT CHECKLIST							
Q71	ANGLE OF ATTACK VANES							
Q72	GUARDED A-V							
Q73	A-V SURFACES							
Q74	EXTERIOR INSPECTION ROUTE							
Q75	A-V ACCESS DOORS AND COVERS							
Q76	ROCKWELL INTERNATIONAL							

PAGE154
CODE

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
R010102	#2 ENGINE FIRE SWITCHLIGHT	123456	SWITCHLIGHTS ILLUMINATE WHEN FIRE HAS BEEN SENSED IN ASSOCIATED ENGINE-ADG COMPARTMENT		789	
	1		WHEN DEPRESSED, EACH SWITCHLIGHT SHUTS OFF RESPECTIVE ENGINE FIREWALL FUEL VALVE, ARMS CORRESPONDING FIRE EXTGH SYSTEM			
	2		ILLUMINATION OF ANY SWITCHLIGHT TRIGGERS MASTER WARNING AURAL TONE IN CREW HEADSETS			
	3		SWITCHLIGHTS ARE TRANS-ILLUMINATED TYPE, LEGEND NOT READABLE IF NOT ILLUMINATED, RED BACKGROUND			
	4		WARNING SWITCHLIGHTS, CUP-GUARDED			
R010103	#3 ENGINE FIRE SWITCHLIGHT	123456	SWITCHLIGHTS ILLUMINATE WHEN FIRE HAS BEEN SENSED IN ASSOCIATED ENGINE-ADG COMPARTMENT		789	
	1		WHEN DEPRESSED, EACH SWITCHLIGHT SHUTS OFF RESPECTIVE ENGINE FIREWALL FUEL VALVE, ARMS CORRESPONDING FIRE EXTGH SYSTEM			
	2		ILLUMINATION OF ANY SWITCHLIGHT TRIGGERS MASTER WARNING AURAL TONE IN CREW HEADSETS			
	3		SWITCHLIGHTS ARE TRANS-ILLUMINATED TYPE, LEGEND NOT READABLE IF NOT ILLUMINATED, RED BACKGROUND			
	4		WARNING SWITCHLIGHTS, CUP-GUARDED			
R010104	#4 ENGINE FIRE SWITCHLIGHT	123456	SWITCHLIGHTS ILLUMINATE WHEN FIRE HAS BEEN SENSED IN ASSOCIATED ENGINE-ADG COMPARTMENT		789	
	1		WHEN DEPRESSED, EACH SWITCHLIGHT SHUTS OFF RESPECTIVE ENGINE FIREWALL FUEL VALVE, ARMS CORRESPONDING FIRE EXTGH SYSTEM			
	2		ILLUMINATION OF ANY SWITCHLIGHT TRIGGERS MASTER WARNING AURAL TONE IN CREW HEADSETS			
	3		SWITCHLIGHTS ARE TRANS-ILLUMINATED TYPE, LEGEND NOT READABLE IF NOT ILLUMINATED, RED BACKGROUND			
	4		WARNING SWITCHLIGHTS, CUP-GUARDED			
RG1020X	APU FIRE SWITCHLIGHTS	234	SWITCHLIGHT FOR RIGHT AND LEFT APU, CUP GUARDED	1	1	
	1		ILLUMINATES WHEN FIRE SENSED IN ASSOCIATED APU UNIT			
	2		ILLUMINATION OF EITHER SWITCHLIGHT TRIGGERS MASTER AURAL TONE IN CREW HEADSETS			
RG10201	LEFT APU FIRE SWITCHLIGHT	234	SWITCHLIGHT FOR RIGHT AND LEFT APU, CUP GUARDED	1	1	
	1		ILLUMINATES WHEN FIRE SENSED IN ASSOCIATED APU UNIT			
	2		ILLUMINATION OF EITHER SWITCHLIGHT TRIGGERS MASTER AURAL TONE IN CREW HEADSETS			
RG10202	RIGHT APU FIRE SWITCHLIGHT	234	SWITCHLIGHT FOR RIGHT AND LEFT APU, CUP GUARDED	1	1	
	1		ILLUMINATES WHEN FIRE SENSED IN ASSOCIATED APU UNIT			
	2		ILLUMINATION OF EITHER SWITCHLIGHT TRIGGERS MASTER AURAL TONE IN CREW HEADSETS			
R0103CX	AGENT DISCHARGE SWITCHES	15678	PROVIDES SELECTION OF MAIN OR RES FIRE EXTGH AGENT RESERVOIRS	239	145678	
	1		SWITCH ASSOCIATED WITH BOTH LEFT AND RIGHT APU, AND ENGINES 1-4/ADG COMPARTMENTS			
	2		OFF IS NORMAL POSITION			
	3		MAIN POSITION DIRECTS EXTGH AGENT FROM MAIN RESERVOIR TO APU OR ENGINE-ADG COMPARTMENT			
	4		RES POSITION PROVIDES SECOND SOURCE OF EXTGH AGENT FOR PERSISTANT FIRE OR RESERVE EXTGH AGENT IN CASE OF SECOND FIRE			
	5		3 POSITION TOGGLE SWITCH			

PAGE155 CODE	NAME	*CDRR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
R010301	LEFT AGENT DISCHARGE SWITCH	1 2 3 4 5 6 7 8 9	15678 PROVIDES SELECTION OF MAIN OR RES FIRE LXTGH AGENT RESERVOIRS SWITCH ASSOCIATED WITH BOTH LEFT AND RIGHT APU, AND ENGINES 1-4/AOG COMPARTMENTS OFF IS NORMAL POSITION MAIN POSITION DIRECTS EXTGH AGENT FROM MAIN RESERVOIR TO APU OR ENGINE-ADG COMPARTMENT RES POSITION PROVIDES SECOND SOURCE OF LXTGH AGENT FOR PERSISTANT FIRE OR RESERVE EXTGH AGENT IN CASE OF SECOND FIRE 3 POSITION TOGGLE SWITCH	23 239				145678
R010302	RIGHT AGENT DISCHARGE SWITCH	1 2 3 4 5 6 7 8 9	15678 PROVIDES SELECTION OF MAIN OR RES FIRE LXTGH AGENT RESERVOIRS SWITCH ASSOCIATED WITH BOTH LEFT AND RIGHT APU, AND ENGINES 1-4/AOG COMPARTMENTS OFF IS NORMAL POSITION MAIN POSITION DIRECTS EXTGH AGENT FROM MAIN RESERVOIR TO APU OR ENGINE-ADG COMPARTMENT RES POSITION PROVIDES SECOND SOURCE OF LXTGH AGENT FOR PERSISTANT FIRE OR RESERVE EXTGH AGENT IN CASE OF SECOND FIRE 3 POSITION TOGGLE SWITCH	23 239				145678
R01040X	APU FIRE-ENG FIRE SWITCHES	1 2 3 4 5 6 7 8 9	23456 SWITCHLIGHT RESET SWITCHES USED TO UNLATCH, RESET ACTIVATED APU FIRE OR ENG FIRE SWITCHLIGHT NORMALLY GROUND MAINTENANCE FUNCTION, NOT LABELED FOR IN-FLIGHT USE RESETTING APU FIRE, ENG FIRE SWITCHLIGHT OPENS FIREWALL FUEL VALVE ONLY AFTER CORRESPONDING ENGINE OR APU START SWITCH HAS BEEN CYCLED TO 'START' POSITION SLIDE-RELEASE BUTTONS	1 17				456
R010401	LT APU-ENG 1&2 BUTTON RESET SW	1 2 3 4 5 6 7	23456 SWITCHLIGHT RESET SWITCHES USED TO UNLATCH, RESET ACTIVATED APU FIRE OR ENG FIRE SWITCHLIGHT NORMALLY GROUND MAINTENANCE FUNCTION, NOT LABELED FOR IN-FLIGHT USE RESETTING APU FIRE, ENG FIRE SWITCHLIGHT OPENS FIREWALL FUEL VALVE ONLY AFTER CORRESPONDING ENGINE OR APU START SWITCH HAS BEEN CYCLED TO 'START' POSITION SLIDE-RELEASE BUTTONS	1 17				456
R010402	RT APU-ENG 3&4 BUTTON RESET SW	1 2 3 4 5 6 7	23456 SWITCHLIGHT RESET SWITCHES USED TO UNLATCH, RESET ACTIVATED APU FIRE OR ENG FIRE SWITCHLIGHT NORMALLY GROUND MAINTENANCE FUNCTION, NOT LABELED FOR IN-FLIGHT USE RESETTING APU FIRE, ENG FIRE SWITCHLIGHT OPENS FIREWALL FUEL VALVE ONLY AFTER CORRESPONDING ENGINE OR APU START SWITCH HAS BEEN CYCLED TO 'START' POSITION SLIDE-RELEASE BUTTONS	1 17				456
R01050X	MAIN AGENT DISCHARGE LIGHTS	1 2 3 4 5 6	2345 SWITCHLIGHT RESET SWITCHES USED TO UNLATCH, RESET ACTIVATED APU FIRE OR ENG FIRE SWITCHLIGHT NORMALLY GROUND MAINTENANCE FUNCTION, NOT LABELED FOR IN-FLIGHT USE RESETTING APU FIRE, ENG FIRE SWITCHLIGHT OPENS FIREWALL FUEL VALVE ONLY AFTER CORRESPONDING ENGINE OR APU START SWITCH HAS BEEN CYCLED TO 'START' POSITION SLIDE-RELEASE BUTTONS	16 2345				

PAGE156 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
R010501	LT MAIN AGENT DISCHARGE LIGHT	1 2 3 4 5 6	2345 TWO TRANS-ILLUMINATED LEGEND-TYPE INDICATOR LIGHTS ILLUMINATED WHEN CORRESPONDING AGENT DISCH SWITCH ACTIVATES AND EXTGH AGENT MAIN RESERVOIR HAS BEEN DISCHARGED, LEGEND NOT READABLE WHEN NOT ILLUMINATED LIGHTS EXTGH AUTOMATICALLY 15-30 SEC AFTER ILLUMINATION LEGEND APPEARS AS ILLUMINATED GREEN ON OPAQUE BACKGROUND 2345				16	
R010502	RT MAIN AGENT DISCHARGE LIGHT	1 2 3 4 5 6	TWO TRANS-ILLUMINATED LEGEND-TYPE INDICATOR LIGHTS ILLUMINATED WHEN CORRESPONDING AGENT DISCH SWITCH ACTIVATES AND EXTGH AGENT MAIN RESERVOIR HAS BEEN DISCHARGED, LEGEND NOT READABLE WHEN NOT ILLUMINATED LIGHTS EXTGH AUTOMATICALLY 15-30 SEC AFTER ILLUMINATION LEGEND APPEARS AS ILLUMINATED GREEN ON OPAQUE BACKGROUND 2345				16	
R01060X	RES AGENT DISCHARGE LIGHTS	1 2 3 4 5 6	TWO TRANS-ILLUMINATED LEGEND-TYPE INDICATOR LIGHTS SERVE SAME FUNCTION FOR EXTINGUISHING AGENT RESERVE RESERVOIR AS MAIN AGENT DISCH LIGHTS DO FOR MAIN RESERVOIR LIGHTS EXTGH AUTOMATICALLY 15-30 SEC AFTER ILLUMINATION LEGEND CODED GREEN, NOT READABLE WHEN NOT ILLUMINATED 2345				12345	45
R010601	LT RES AGENT DISCHARGE LIGHT	1 2 3 4 5	TWO TRANS-ILLUMINATED LEGEND-TYPE INDICATOR LIGHTS SERVE SAME FUNCTION FOR EXTINGUISHING AGENT RESERVE RESERVOIR AS MAIN AGENT DISCH LIGHTS DO FOR MAIN RESERVOIR LIGHTS EXTGH AUTOMATICALLY 15-30 SEC AFTER ILLUMINATION LEGEND CODED GREEN, NOT READABLE WHEN NOT ILLUMINATED 2345				12345	45
R010602	RT RES AGENT DISCHARGE LIGHT	1 2 3 4 5	TWO TRANS-ILLUMINATED LEGEND-TYPE INDICATOR LIGHTS SERVE SAME FUNCTION FOR EXTINGUISHING AGENT RESERVE RESERVOIR AS MAIN AGENT DISCH LIGHTS DO FOR MAIN RESERVOIR LIGHTS EXTGH AUTOMATICALLY 15-30 SEC AFTER ILLUMINATION LEGEND CODED GREEN, NOT READABLE WHEN NOT ILLUMINATED 2345				12345	45
R0107	FIRE WARN & EXTGH TEST SW	1 2 3 4 5	TEST POSITION-BOTH APU FIRE AND ALL ENG FIRE SWITCHLIGHTS SHOULD ILLUMINATE, MASTER WARNING SHOULD SOUND INDICATES ALL FIRE WARNING CIRCUITS PROPERLY FUNCTIONING OFF POSITION EXTGH LIGHTS, SILENCE AURAL TONE 2 POSITION TOGGLE SWITCH 2				124 5	
R02	FIRE DETECTION & TEST PANEL	1 2	UNIT CONTROLS AND DISPLAYS FOR FIRE DETECTION 12345678 12				1	
R02010X	ENG-ADG SELECTOR SWITCHES	1 2 3 4 5 6 7 8 9	PROVIDES POSITION SELECTION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH ENGINE-ADG COMPARTMENT NORM MODE IS REGULAR POSITION, FIRE MUST BE SENSED BY DETECTOR LOOPS A B BEFORE CORRESPONDING ENG FIRE SWITCHLIGHT WILL ILLUMINATE, MASTER WARNING AURAL TONE SOUNDS LOOP A OR B POSITION SELECTED IN RESPONSE TO ILLUMINATION OF RESPECTIVE CAUTION LIGHT, EXTGH LOOP LIGHT, LOCKS OUT FAULTY FIRE DETECTION LOOP, PROVIDES FOR REMAINING LOOP TO DETECT FIRE 3 POSITION TOGGLE SWITCH				9 5	345678

NAME

R020101 #1 LOOP LOCKOUT SWITCH

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	12345678	12	PROVIDES POSITION SELECTION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH ENGINE-ADG COMPARTMENT		9	345678
2			NORM MODE IS REGULAR POSITION, FIRE MUST BE SENSED BY DETECTOR LOOPS A			
3			B BEFORE CORRESPONDING ENG FIRE SWITCHLIGHT WILL ILLUMINATE, MASTER			
4			WARNING AURAL TONE SOUNDS			
5			LOOP A OR B POSITION SELECTED IN RESPONSE TO ILLUMINATION OF			
6			RESPECTIVE CAUTION LIGHT, EXTIGNS LOOP LIGHT, LOCKS OUT FAULTY FIRE			
7			DETECTION LOOP, PROVIDES FOR REMAINING LOOP TO DETECT FIRE			
8			3 POSITION TOGGLE SWITCH			
9						

R020102 #2 LOOP LOCKOUT SWITCH

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	12345678	12	PROVIDES POSITION SELECTION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH ENGINE-ADG COMPARTMENT		9	345678
2			NORM MODE IS REGULAR POSITION, FIRE MUST BE SENSED BY DETECTOR LOOPS A			
3			B BEFORE CORRESPONDING ENG FIRE SWITCHLIGHT WILL ILLUMINATE, MASTER			
4			WARNING AURAL TONE SOUNDS			
5			LOOP A OR B POSITION SELECTED IN RESPONSE TO ILLUMINATION OF			
6			RESPECTIVE CAUTION LIGHT, EXTIGNS LOOP LIGHT, LOCKS OUT FAULTY FIRE			
7			DETECTION LOOP, PROVIDES FOR REMAINING LOOP TO DETECT FIRE			
8			3 POSITION TOGGLE SWITCH			
9						

R020103 #3 LOOP LOCKOUT SWITCH

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	12345678	12	PROVIDES POSITION SELECTION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH ENGINE-ADG COMPARTMENT		9	345678
2			NORM MODE IS REGULAR POSITION, FIRE MUST BE SENSED BY DETECTOR LOOPS A			
3			B BEFORE CORRESPONDING ENG FIRE SWITCHLIGHT WILL ILLUMINATE, MASTER			
4			WARNING AURAL TONE SOUNDS			
5			LOOP A OR B POSITION SELECTED IN RESPONSE TO ILLUMINATION OF			
6			RESPECTIVE CAUTION LIGHT, EXTIGNS LOOP LIGHT, LOCKS OUT FAULTY FIRE			
7			DETECTION LOOP, PROVIDES FOR REMAINING LOOP TO DETECT FIRE			
8			3 POSITION TOGGLE SWITCH			
9						

R020104 #4 LOOP LOCKOUT SWITCH

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	12345678	12	PROVIDES POSITION SELECTION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH ENGINE-ADG COMPARTMENT		9	345678
2			NORM MODE IS REGULAR POSITION, FIRE MUST BE SENSED BY DETECTOR LOOPS A			
3			B BEFORE CORRESPONDING ENG FIRE SWITCHLIGHT WILL ILLUMINATE, MASTER			
4			WARNING AURAL TONE SOUNDS			
5			LOOP A OR B POSITION SELECTED IN RESPONSE TO ILLUMINATION OF			
6			RESPECTIVE CAUTION LIGHT, EXTIGNS LOOP LIGHT, LOCKS OUT FAULTY FIRE			
7			DETECTION LOOP, PROVIDES FOR REMAINING LOOP TO DETECT FIRE			
8			3 POSITION TOGGLE SWITCH			
9						

R02020X APU LOCKOUT SWITCHES

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	234		3 POSITION TOGGLE SWITCH		1	
2			PROVIDES POSITION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH APU			
3			LOOP A OR B SELECTED IN RESPONSE TO ILLUMINATION OF RESPECTIVE			
4			CAUTION LIGHT			

R020201 LEFT APU LOCKOUT SWITCH

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	234		3 POSITION TOGGLE SWITCH		1	
2			PROVIDES POSITION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH APU			
3			LOOP A OR B SELECTED IN RESPONSE TO ILLUMINATION OF RESPECTIVE			
4			CAUTION LIGHT			

R020202 RIGHT APU LOCKOUT SWITCH

*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
1	234		3 POSITION TOGGLE SWITCH		1	
2			PROVIDES POSITION FOR FIRE DETECTION LOOPS ASSOCIATED WITH EACH APU			
3			LOOP A OR B SELECTED IN RESPONSE TO ILLUMINATION OF RESPECTIVE			
4			CAUTION LIGHT			

PAGE158
CODE

R0203010X

NAME

ENGINE-ADG LOOP A FIRE
LIGHTS

*CGRR-ACTION

79

*FUNCTION

3456

*LOCATION

12

*NAME

*SYN

*TYPE

128

*VALUES

3456

1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN EACH
2 ENGINE-ADG COMPARTMENT
3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO
4 GROUND
5 TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS
6 WHEN OPERATING WITH AC POWER
7 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-
8 CAUTION LIGHT-YELLOW LEGEND
9 ILLUMINATED LOOP B LIGHT

#1 LOOP A LIGHT

R02030101

79

12

128

3456

1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN EACH
2 ENGINE-ADG COMPARTMENT
3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO
4 GROUND
5 TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS
6 WHEN OPERATING WITH AC POWER
7 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-
8 CAUTION LIGHT-YELLOW LEGEND
9 ILLUMINATED LOOP B LIGHT

#2 LOOP A LIGHT

R02030102

79

12

128

3456

1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN EACH
2 ENGINE-ADG COMPARTMENT
3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO
4 GROUND
5 TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS
6 WHEN OPERATING WITH AC POWER
7 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-
8 CAUTION LIGHT-YELLOW LEGEND
9 ILLUMINATED LOOP B LIGHT

#3 LOOP A LIGHT

R02030103

79

12

128

3456

1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN EACH
2 ENGINE-ADG COMPARTMENT
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6 WHEN OPERATING WITH AC POWER
7 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-
8 CAUTION LIGHT-YELLOW LEGEND
9 ILLUMINATED LOOP B LIGHT

PAGE159
CODE

NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
R0203020X	78	1 2 3 4 5 6 7 8	APU LOOP A LIGHT	3456 TRANS-ILLUMINATED CAUTION LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN L AND R APU ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO GROUND TRIGGERS FIRE DETR AND MASTER CAUTION SWITCHLIGHTS WHEN OPERATING ON AC POWER PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-ILLUMINATED LOOP B LIGHT		12	
R02030201	78	1 2 3 4 5 6 7 8	LEFT APU LOOP A LIGHT	3456 TRANS-ILLUMINATED CAUTION LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN L AND R APU ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO GROUND TRIGGERS FIRE DETR AND MASTER CAUTION SWITCHLIGHTS WHEN OPERATING ON AC POWER PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-ILLUMINATED LOOP B LIGHT		12	
R02030202	78	1 2 3 4 5 6 7 8	RIGHT APU LOOP A LIGHT	3456 TRANS-ILLUMINATED CAUTION LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP A IN L AND R APU ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO GROUND TRIGGERS FIRE DETR AND MASTER CAUTION SWITCHLIGHTS WHEN OPERATING ON AC POWER PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-ILLUMINATED LOOP B LIGHT		12	
R0204010X	89	1 2 3 4 5 6 7 8	ENGINE-ADG LOOP B FIRE LIGHTS	3456 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP B IN EACH ENGINE-ADG COMPARTMENT ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO GROUND TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS WHEN OPERATING WITH AC POWER CAUTION LIGHT-YELLOW PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-ILLUMINATED LOOP A LIGHT		127	3456
R02040101	89	1 2 3 4 5 6 7 8 9	#1 LOOP B LIGHT	3456 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP B IN EACH ENGINE-ADG COMPARTMENT ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO GROUND TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS WHEN OPERATING WITH AC POWER CAUTION LIGHT-YELLOW PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-ILLUMINATED LOOP A LIGHT		127	3456

AGE160 CODE	NAME	*CDR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
02040102	#2 LOOP B LIGHT	89	3456 1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP B IN EACH 2 ENGINE-ADG COMPARTMENT 3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO 4 GROUND 5 TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS 6 WHEN OPERATING WITH AC POWER 7 CAUTION LIGHT-YELLOW 8 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON- 9 ILLUMINATED LOOP A LIGHT	12			127	3456
02040103	#3 LOOP B LIGHT	89	3456 1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP B IN EACH 2 ENGINE-ADG COMPARTMENT 3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO 4 GROUND 5 TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS 6 WHEN OPERATING WITH AC POWER 7 CAUTION LIGHT-YELLOW 8 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON- 9 ILLUMINATED LOOP A LIGHT	12			127	3456
02040104	#4 LOOP B LIGHT	89	3456 1 TRANS-ILLUMINATED LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP B IN EACH 2 ENGINE-ADG COMPARTMENT 3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO 4 GROUND 5 TRIGGERS FIRE DETR CAUTION LIGHT AND BOTH MASTER CAUTION SWITCHLIGHTS 6 WHEN OPERATING WITH AC POWER 7 CAUTION LIGHT-YELLOW 8 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON- 9 ILLUMINATED LOOP A LIGHT	12			127	3456
0204020X	APU LOOP B LIGHT	78	3456 1 TRANS-ILLUMINATED CAUTION LIGHTS ASSOCIATED WITH FIRE DETECTOR 2 LOOP B IN L AND R APU 3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A 4 SHORT TO GROUND 5 TRIGGERS FIRE DETR AND MASTER CAUTION SWITCHLIGHTS WHEN 6 OPERATING ON AC POWER 7 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON- 8 ILLUMINATED LOOP A LIGHT	12			12	
02040201	LEFT APU LOOP B LIGHT	78	3456 1 TRANS-ILLUMINATED CAUTION LIGHTS ASSOCIATED WITH FIRE DETECTOR 2 LOOP B IN L AND R APU 3 ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A 4 SHORT TO GROUND 5 TRIGGERS FIRE DETR AND MASTER CAUTION SWITCHLIGHTS WHEN 6 OPERATING ON AC POWER 7 PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON- 8 ILLUMINATED LOOP A LIGHT	12			12	

PAGE/161 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
R02040202	RIGHT APU LOOP B LIGHT	78	1 2 3 4 5 6 7 8	3456	TRANS-ILLUMINATED CAUTION LIGHTS ASSOCIATED WITH FIRE DETECTOR LOOP B IN L AND R APU ILLUMINATES WHEN RESPECTIVE FIRE DETECTION LOOP DEVELOPS A SHORT TO GROUND TRIGGERS FIRE DETR AND MASTER CAUTION SWITCHLIGHTS WHEN OPERATING ON AC POWER PLACE RESPECTIVE LOOP MODE SWITCH IN POSITION TOWARD NON-ILLUMINATED LOOP A LIGHT		12 4	1
R0205	FIRE DETR TEST SW (PUSHBUTTON)		1 2 3 4		USED TO TEST SIX DUAL LOOP SHORT-CIRCUIT SENSING CONTROL CIRCUITS DEPRESSION OF SWITCH ILLUMINATES ALL SIX LOOP A AND B LIGHTS WHEN LOOP SELECTOR SWITCHES ARE IN NORM POSITION PUSHBUTTON SWITCH, MOMENTARY		4	1
R0206	FIRE DETECTION CAUTION LIGHT	45	1 2 3 4 5 6		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS ILLUMINATED(FLASHING)WHEN ANY LOOP A OR B LIGHTS ON FIRE DETR PANEL ARE ILLUMINATED AND AC POWER IS AVAILABLE LIGHT IS EXTINGD WHEN LOOP A OR B CORRESPONDING SWITCH IS POSITIONED TO NON-ILLUMINATED LIGHT DIRECTOR LIGHT-CAUTION LIGHT		6 23	
S01010X	FLIGHT CONTROL STICK		1 2 3 4 5		MANUAL A-V PITCH AND ROLL CONTROL. PITCH CONTROL PROVIDED BY POSITIONING HORIZONTAL STABILIZERS SYMMETRICALLY. ROLL CONTROL PROVIDED BY POSITIONING HORIZONTAL STABILIZERS ASYMMETRICALLY AND BY DEFLECTION OF THE SPOILER		5	
SC1010X03	FLIGHT DIRECTOR SWITCHLIGHT		1 2 3 4		W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN PROVIDES COUPLING TO THE FOLLOWING FLT DIR FUNCTIONS - MAN HDG, NAV, ILS, AILA A SWITCHLIGHT		4	1
S010101	PILDT'S FLIGHT CONTROL STICK		1 2 3 4 5		MANUAL A-V PITCH AND ROLL CONTROL. PITCH CONTROL PROVIDED BY POSITIONING HORIZONTAL STABILIZERS SYMMETRICALLY. ROLL CONTROL PROVIDED BY POSITIONING HORIZONTAL STABILIZERS ASYMMETRICALLY AND BY DEFLECTION OF THE SPOILER		5	
S01010103	FLIGHT DIRECTOR SWITCHLIGHT-P		1 2 3 4		W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN PROVIDES COUPLING TO THE FOLLOWING FLT DIR FUNCTIONS - MAN HDG, NAV, ILS, AILA A SWITCHLIGHT		4	1
SC10102	CDPILOTS FLIGHT CONTROL STICK		1 2 3 4 5		MANUAL A-V PITCH AND ROLL CONTROL. PITCH CONTROL PROVIDED BY POSITIONING HORIZONTAL STABILIZERS SYMMETRICALLY. ROLL CONTROL PROVIDED BY POSITIONING HORIZONTAL STABILIZERS ASYMMETRICALLY AND BY DEFLECTION OF THE SPOILER		5	

PAGE162 COO	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
SC1010203	FLIGHT DIRECTOR SWITCHLIGHT-C		23				4	1
		1	W-WHITE(STANDBY), G-GREEN(ENGAGED)					
		2	SELECTION FROM WHITE TO GREEN PROVIDES COUPLING TO THE FOLLOWING					
		3	FLT DIR FUNCTIONS - MAN HOG, NAV, ILS, AILA					
		4	TRIGGER-TYPE SWITCH					
SC10204	STICK SHAKER SWITCH		1234				5	1234
		1	IN ON POSITION WARNING OF IMPENDING A-V STALL PROVIDED BY					
		2	OSCILLATION OF FLT CONTROL STICKS					
		3	TEST POSITION ENABLES MOMENTARY TEST PRIOR TO FLIGHT					
		4	OFF POSITION DISABLES STICK SHAKER FUNCTION					
		5	3 POSITION TOGGLE SWITCH					
SC10301 SC1030101	PILOT'S FLT CONTR TRIM PNL PILOT STBY PITCH SWITCH		23				1	
		1	MOMENTARY ACTION-3 POSITION TOGGLE SWITCH					
		2	SELECTION OF A-V NOSE DN(DOWN) OR UP PITCH TRIM COMMANDS					
		3	INPUTS ARE IN PROPORTION TO LENGTH OF TIME HELD					
SC1030102	PILOT YAW SWITCH		234				1	
		1	MOMENTARY ACTION-3 POSITION TOGGLE SWITCH					
		2	PROVIDES SELECTION OF LEFT (L) OR RIGHT (R) TRIM COMMANDS TO					
		3	ACTIVATE YAW ACTUATOR					
		4	DISPLACEMENT OF RUDDER IN PROPORTION TO LENGTH OF TIME HELD					
SC10302 SC1030201	COPILLOT'S FLT CONTR TRIM PNL COPILLOT STBY PITCH SWITCH		23				1	
		1	MOMENTARY ACTION-3 POSITION TOGGLE SWITCH					
		2	SELECTION OF A-V NOSE DN(DOWN) OR UP PITCH TRIM COMMANDS					
		3	INPUTS ARE IN PROPORTION TO LENGTH OF TIME HELD					
SC1030202	COPILLOT YAW SWITCH		234				1	
		1	MOMENTARY ACTION-3 POSITION TOGGLE SWITCH					
		2	PROVIDES SELECTION OF LEFT(L) OR RIGHT(R) TRIM COMMANDS TO					
		3	ACTIVATE YAW ACTUATOR					
		4	DISPLACEMENT OF RUDDER IN PROPORTION TO LENGTH OF TIME HELD					
SC103020301	TRIM FOR TAKEOFF (TTO) SWITCH		234				1	
		1	MOMENTARY ACTION-PUSHBUTTON SWITCH					
		2	ACTUATION OF AND HOLDING CAUSES ALL TRIM ACTUATORS TO POSITION					
		3	THEMSELVES TO PRE-DETERMINED POSITIONS THUS PROVIDING PROPER					
		4	PRIMARY CONTROL SURFACE TRIM POSITION					
SC103020302	TRIM FOR TAKEOFF LIGHT	5	123				4	
		1	ILLUMINATES WHEN TO SWITCH IS DEPRESSED AND PRIMARY CONTROL					
		2	SURFACES ARE IN PROPER POSITION, SPOILERS ARE CLOSED, AND					
		3	PITCH TRIM PWR SWITCH IS NOT IN STBY					
		4	COLOR-GREEN, ADVISORY LEGEND LIGHT					
		5	N-A					
SC10303	PLT TRIM SW (ON CONTR STICK)		2345				1	
		1	MOMENTARY ACTION-4 POSITION SLIDE SWITCH-COGLIE HAT SWITCH					
		2	WITH PITCH TRIM IN NORM OR ALTER UP OR DOWN MOVEMENT POWERS PRIMARY					
		3	PITCH TRIM ACTUATOR FOR 'NOSEUP' OR 'NOSE DOWN' TRIM					
		4	WITH ROLL TRIM IN NORM OR ALTER LEFT OR RIGHT MOVEMENT POWERS					
		5	ROLL TRIM ACTUATOR FOR TRIM FOR LEFT OR RIGHT WING DOWN					
SC10304 SC104	CPLT TRIM SW (CN CONTR STICK) FLIGHT CONTROL POWER PANEL							

PAGE163 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
S010401	PITCH TRIM SWITCH	1 2 3 4 5 6	1 SELECTION OF MODE OF PITCH TRIM CONTROL 2 NORM POS PROVIDES PRIMARY PITCH TRIM COMMANDS FROM EITHER COOLIE 3 HAT SWITCH. STBY POS ACTIVATES STEY PITCH SWITCHES 4 ALTER POS PROVIDES POWER FROM AN ALTERNATE SOURCE THROUGH 5 EITHER COOLIE-HAT SWITCH 6 3 POSITION TOGGLE SWITCH				6	2345
S010402	ROLL TRIM SWITCH	1 2 3 4 5 6	1 SELECTION OF MODE OF ROLL TRIM CONTROL 2 NORM POS PROVIDES ROLL TRIM POWER FOR ROLL TRIM COMMANDS FROM 3 EITHER COOLIE-HAT SWITCH. ALTER POS PROVIDES POWER FROM AN 4 ALTERNATE SOURCE. OFF POS REMOVES ELECTRICAL TO BOTH NORM AND 5 ALTER SYSTEMS 6 3 POSITION TOGGLE SWITCH				6	2345
S010403	YAW TRIM SWITCH	1 2 3 4 5 6	1 SELECTION OF MODE OF YAW TRIM CONTROL 2 NORM POS PROVIDES YAW TRIM POWER FOR COMMANDS FROM EITHER MOMENTARY 3 YAW SWITCH ON FLT CONT TRIM PNL. ALTER POS DIRECTS COMMANDS FROM 4 SAME SWITCH THROUGH SEPARATE CIRCUITS. OFF POS REMOVES 5 ELECTRICAL POWER TO BOTH SYSTEMS 6 3 POSITION TOGGLE SWITCH				6	2345
S010404	PITCH AUG SWITCH	1 2 3 4 5	1 ON AND OFF MODES CONTROL HYDRAULIC POWER TO PITCH SCAS ACTUATORS 2 RESET MODE IS MOMENTARY ACTION WHICH ATTEMPTS TO RESET ONE OR BOTH 3 OF PITCH SCAS ACTUATORS WHICH HAVE BEEN SHUT DOWN DUE TO AN OUT OF 4 TOLERANCE CONDITION 5 3 POSITION TOGGLE SWITCH				5	1234
S010405	ROLL AUG SWITCH	1 2 3 4 5	1 ON AND OFF MODES CONTROL HYDRAULIC POWER TO ROLL SCAS ACTUATORS 2 RESET MODE IS MOMENTARY ACTION WHICH ATTEMPTS TO RESET ONE OR BOTH 3 OF ROLL SCAS ACTUATORS WHICH HAVE BEEN SHUT DOWN DUE TO AN OUT OF 4 TOLERANCE CONDITION 5 3 POSITION TOGGLE SWITCH				5	1234
S010406	YAW AUG SWITCH	1 2 3 4 5	1 ON AND OFF MODES CONTROL HYDRAULIC POWER TO YAW SCAS ACTUATORS 2 RESET MODE IS MOMENTARY ACTION WHICH ATTEMPTS TO RESET ONE OR BOTH 3 OF YAW SCAS ACTUATORS WHICH HAVE BEEN SHUT DOWN DUE TO AN OUT OF 4 TOLERANCE CONDITION 5 3 POSITION TOGGLE SWITCH				5	1234
S010407	FLAP-SLAT RESET SWITCH	1 2 3	23 1 MOMENTARY ACTION-PUSHBUTTON SWITCH 2 DEPRESSING BUTTON RESETS A DISENGAGED FLAP-SLAT CONTROL CHANNEL 3 USED IN RESPONSE TO ILLUMINATED FLAP 1 OR FLAP OFF CAUTION LIGHT				1	2345
S010408	SPOILER SWITCH	1 2 3 4 5 6	12345 1 SELECT MODE OF CONTROL OF WING LIFT SPOILERS 2 ON ENERGIZES ALL POWER CONTROLLERS FOR TWO OUTBOARD SPOILERS UN 3 EACH WING. MOMENTARY RESET ATTEMPTS TO RESET ONE OF OUTBOARD SPOILER 4 CHANNELS SHUT DOWN DUE TO AN OUT OF TOLERANCE CONDITION 5 OFF POSITION DEACTIVATES OUTBOARD SPOILER SYSTEM 6 3 POSITION TOGGLE SWITCH				6	

PAGE164 CODE	NAME	*CGR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
SC10409	ALTERNATE WING SWEEP SWITCH	1 2 3 4 5 6 7	123456 SELECT MODE OF OPERATION OF ALTERNATE WING SWEEP CONTROL SYSTEM USED ONLY UPON FAILURE OF NORMAL MECHANICAL CONTROL SYSTEM NORMALLY-SELECTED OFF MODE. RESET RE-ENGAGES NORMAL WING SWEEP SYSTEM FWD MODE DRIVES WING FORWARD ONLY IN PROPORTION TO TIME HELD HOLD MODE STOPS WING POSITIONING ACTION HOLDING WING IN POSITION INDICATED BY SWEEP POSITION POINTER 4 POSITION ROTARY KNOB				7	3456
SC10410	SPD BRK SWITCH	1 2 3 4 5 6 7 8 9	25678 LEVER LOCK-MUST BE UNLOCKED TO MOVE TO OR FROM EMERG RETRACT PERMIT SELECTION OF MODES OF SPEED BRAKE CONTROL EMERG RETRACT IS AN EMERGENCY ONLY POSITION IDENTIFIED BY ADJACENT YELLOW AND BLACK STRIPING NORM AND ALTERNATE MODES ALLOW OPERATION OF SPEED BRK CONTROLS WITH PRIMARY AND ALTERNATE POWER SOURCES EMERG RETRACT USED WHEN SPEED BRAKE ACTUATOR FAILS WITH SPOILER PANELS IN EXTENDED POSITION 3 POSITION TOGGLE SWITCH				19	345678
SC10411	SMCS SWITCH	1 2 3 4 5 6	12345 SELECT MODES OF SMCS OPERATION IN NORMAL ON MODE SMCS FUNCTIONS AUTOMATICALLY IF SYSTEM HAS BEEN DISENGAGED (INDICATED BY SMCS CAUTION LIGHT) PILOT OR COPILOT MAY ATTEMPT TO RESET SMCS BY MOMENTARY SELECTION OF RESET IF RESET NOT SUCCESSFUL, SYSTEM SET TO OFF 3 POSITION TOGGLE SWITCH				6	2345
SC105	FLT CONTR STICK DISCONNECT HN DL	1 2 3 4 5 6	12345 EMERGENCY METHOD OF MECHANICAL SEPARATION OF PILOT AND COPILOT CONTROL STICK FOR INDEPENDENT OPERATION SHOULD EITHER CONTROL STICK BECOME JAMMED UNLOCKED BY OPERATION OF A SQUEEZE TRIGGER AND PULLED UP AND AFT TO DISCONNECT POSITION HANDLE				6	
SC1060X01	RUDDER PEDALS	1 2 3 4	123 YAW (RUDDER) CONTROL AND BRAKING AND NCSE GEAR STEERING DURING TAXI, TAKEOFF AND LANDING. ACCOMPLISHED BY FORE-AFT DISPLACEMENT NORMAL A-V BRAKING BY FORWARD THROW OF PEDALS PEDALS				4	
SC1060X02	RUDDER PEDAL ADJ HANDLES	1 2 3 4 5 6	1245 PROVIDE MEANS FOR INDEPENDENTLY ADJUSTING FORE AND AFT POSITION OF RUDDER PEDALS FOR LEG LENGTH VERTICAL-NORMAL POSITION TURNING HANDLE 90 DEG CLOCKWISE UNLOCKS MECHANISM ALLOWING PEDALS TO BE MOVED TO DESIRED POSITION HANDLE				6	3
SC1060101	PILTS RUDDER PEDALS	1 2 3 4	123 YAW (RUDDER) CONTROL AND BRAKING AND NCSE GEAR STEERING DURING TAXI, TAKEOFF AND LANDING. ACCOMPLISHED BY FORE-AFT DISPLACEMENT NORMAL A-V BRAKING BY FORWARD THROW OF PEDALS PEDALS				4	

PAGE165
CODE

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
PILOTS RUDDER PEDAL ADJ HANDLE	1245				6	3
	1		PROVIDE MEANS FOR INDEPENDENTLY ADJUSTING FORE AND AFT POSITION			
	2		OF RUDDER PEDALS FOR LEG LENGTH			
	3		VERTICAL=NORMAL POSITION			
	4		TURNING HANDLE 90 DEG CLOCKWISE UNLOCKS MECHANISM ALLOWING PEDALS TO			
	5		BE MOVED TO DESIRED POSITION			
	6		HANDLE			
COPILOTS RUDDER PEDALS	123					
	1		YAW(RUDDER) CONTROL AND BRAKING AND NOSE GEAR STEERING DURING TAXI,			
	2		TAKEOFF AND LANDING. ACCOMPLISHED BY FORE-AFT DISPLACEMENT			
	3		NORMAL A-V BRAKING BY FORWARD THROW OF PEDALS			
	4		PEDALS			
COPILIS RUDDER PEDAL ADJ HANDLE	1245					
	1		PROVIDE MEANS FOR INDEPENDENTLY ADJUSTING FORE AND AFT POSITION			
	2		OF RUDDER PEDALS FOR LEG LENGTH			
	3		VERTICAL=NORMAL POSITION			
	4		TURNING HANDLE 90 DEG CLOCKWISE UNLOCKS MECHANISM ALLOWING PEDALS TO			
	5		BE MOVED TO DESIRED POSITION			
	6		HANDLE			
PITCH AUG 1 CAUTION LIGHT	123					
	1		ILLUMINATES TO INDICATE DETECTION OF AN OUT OF TOLERANCE CONDITION AND			
	2		SHUTDOWN OF EITHER OF 2 PITCH SCAS ACTUATORS			
	3		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
	4		CORRECTIVE ACTION IS TO PLACE PITCH AUG SWITCH TO MOMENTARY RESET			
	5		CAUTION LIGHT			
PITCH AUG OFF CAUTION LIGHT	1234					
	1		ILLUMINATES TO INDICATE DETECTION OF OUT OF TOLERANCE CONDITION AND			
	2		SHUTDOWN OF BOTH PITCH SCAS ACTUATORS OR PITCH AUG SWITCH IS IN			
	3		OFF POSITION			
	4		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
	5		CORRECTIVE ACTION IS TO PLACE PITCH AUG SWITCH TO MOMENTARY RESET			
	6		CAUTION LIGHT			
ROLL AUG 1 CAUTION LIGHT	123					
	1		ILLUMINATES TO INDICATE DETECTION OF OUT OF TOLERANCE CONDITION			
	2		AND SHUT DOWN OF EITHER OF 2 ROLL SCAS ACTUATORS			
	3		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
	4		CORRECTIVE ACTION IS TO PLACE ROLL AUG SWITCH TO MOMENTARY RESET			
	5		CAUTION LIGHT			
ROLL AUG OFF CAUTION LIGHT	123					
	1		ILLUMINATES TO INDICATE DETECTION OF OUT OF TOLERANCE CONDITION AND			
	2		SHUTDOWN OF BOTH ROLL SCAS ACTUATORS OR ROLL AUG SWITCH IS OFF			
	3		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
	4		CORRECTIVE ACTION IS TO PLACE ROLL AUG SWITCH TO MOMENTARY RESET			
	5		CAUTION LIGHT			
YAW AUG 1 CAUTION LIGHT	123					
	1		ILLUMINATES TO INDICATE DETECTION OF OUT OF TOLERANCE CONDITION			
	2		AND SHUTDOWN OF ONE OF YAW SCAS ACTUATORS			
	3		WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
	4		CORRECTIVE ACTION IS TO PLACE YAW AUG SWITCH TO MOMENTARY RESET			
	5		CAUTION LIGHT			

PAGE166 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
SO10706	YAW AUG OFF CAUTION LIGHT	4	123 ILLUMINATES TO INDICATE DETECTION OF CUT OF TOLERANCE CONDITION AND SHUTDOWN OF BOTH YAW SCAS ACTUATORS OR YAW AUG SWITCH IS OFF WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCH LIGHTS CORRECTIVE ACTION IS TO PLACE YAW AUG SWITCH TO MOMENTARY RESET CAUTION LIGHT				5	
SO10707	YAW LIMITER CAUTION LIGHT	6	1234 ILLUMINATES TO INDICATE YAW LIMITER SYSTEM IN WRONG POSITION CAUTIONS PILOT THAT RUDDER TRAVEL IS NOT LIMITED AND THAT LARGE RUDDER INPUTS COULD CAUSE STRUCTURAL DAMAGE WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT				5	
SO10708	PITCH TRIM CAUTION LIGHT	89	123456 ILLUMINATES TO INDICATE MALFUNCTION IN PITCH TRIM SYSTEM ARMING THE LIGHT PITCH TRIM SWITCH SELECTS ARMING SYSTEM. WHEN IN NORM POSITION PRIMARY SYSTEM MONITORED. CORRECTIVE ACTION IS TO SWITCH TO ALTER MODE (LIGHT WILL NOT ILLUMINATE) WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT PLACE PITCH TRIM SWITCH TO STBY OR ALTER AND RETURN TO NORM IN ATTEMPT TO RESET PITCH TRIM SYSTEM				7	
SO2010X	WING SWEEP HANDLES		123 PROVIDE MANUAL CONTROL OF WING POSITION POSITION DISPLAYED ON WING SWEEP INDICATOR MECHANICALLY INTERCONNECTED (PILOTS AND COPILOTS) HANDLE				4	
SO2010X02	ENGAGE SWITCHLIGHT		23456789 W-WHITE(STANDBY), G-GREEN(ENGAGED) - A SWITCHLIGHT WITH TAKE CMD SWITCHLIGHT GREEN, SELECTION OF ENGAGE SWITCHLIGHT TO GREEN ENGAGES BASIC AFCS MODE OF FLIGHT PATH HOLD IN PITCH AXIS AND ATTITUDE HOLD IN ROLL AXIS. BOTH TAKE CMD AND ENGAGE SWITCHLIGHTS MUST BE GREEN BEFORE OTHER AFCS MODES (EXCEPT TER FLW, AUTO THRGT) MAY BE SELECTED. GREEN ENGAGE MAY BE DEACTIVATED ONLY BY DEPRESSING AFCS DISENGAGE SWITCH ON FLIGHT CONTROL STICK WHEN ENGAGE=GREEN CONTROL STICK STEERING IS PROVIDED TO PILOT AND COPILOT BY FLIGHT CONTROL STICK DISPLACEMENT				1	
SO20101	PILOTS WING SWEEP HANDLE		123 PROVIDE MANUAL CONTROL OF WING POSITION POSITION DISPLAYED ON WING SWEEP INDICATOR MECHANICALLY INTERCONNECTED (PILOTS AND COPILOTS) HANDLE				4	
SO2010102	ENGAGE SWITCHLIGHT-PILOT		23456789 W-WHITE(STANDBY), G-GREEN(ENGAGED) - A SWITCHLIGHT WITH TAKE CMD SWITCHLIGHT GREEN, SELECTION OF ENGAGE SWITCHLIGHT TO GREEN ENGAGES BASIC AFCS MODE OF FLIGHT PATH HOLD IN PITCH AXIS AND ATTITUDE HOLD IN ROLL AXIS. BOTH TAKE CMD AND ENGAGE SWITCHLIGHTS MUST BE GREEN BEFORE OTHER AFCS MODES (EXCEPT TER FLW, AUTO THRGT) MAY BE SELECTED. GREEN ENGAGE MAY BE DEACTIVATED ONLY BY DEPRESSING AFCS DISENGAGE SWITCH ON FLIGHT CONTROL STICK WHEN ENGAGE=GREEN CONTROL STICK STEERING IS PROVIDED TO PILOT AND COPILOT BY FLIGHT CONTROL STICK DISPLACEMENT				1	

PAGE167
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NAME	*CURR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPL	*VALUES
SC20102		1 2 3 4	COPILOTS WING SWEEP HANDLE	123 PROVIDE MANUAL CONTROL OF WING POSITION POSITION DISPLAYED ON WING SWEEP INDICATOR MECHANICALLY INTERCONNECTED (PILOTS AND COPILOTS) HANDLE		4	
S02010202		1 2 3 4 5 6 7 8 9	ENGAGE SWITCHLIGHT-COP	23456789 W-WHITE (STANDBY), G-GREEN (ENGAGED) - A SWITCHLIGHT WITH TAKE CMD SWITCHLIGHT GREEN, SELECTION OF ENGAGE SWITCHLIGHT TO GREEN ENGAGES BASIC AFCS MODE OF FLIGHT PATH HOLD IN PITCH AXIS AND ATTITUDE HOLD IN ROLL AXIS. BOTH TAKE CMD AND ENGAGE SWITCHLIGHTS MUST BE GREEN BEFORE OTHER AFCS MODES (EXCEPT TER FLW, AUTO THRUT) MAY BE SELECTED. GREEN ENGAGE MAY BE DEACTIVATED ONLY BY DEPRESSING AFCS DISENGAGE SWITCH ON FLIGHT CONTROL STICK WHEN ENGAGE=GREEN CONTROL STICK STEERING IS PROVIDED TO PILOT AND COPILOT BY FLIGHT CONTROL STICK DISPLACEMENT		1	
S0202		1 2 3 4 5 6 7 8 9	FLAP-SLAT CONTROL HANDLE	1235678 MOVEMENT OF HANDLE PROVIDES DISCRETE ELECTRICAL SIGNAL FOR SLAT COMMAND AND PROPORTIONATE SIGNAL TO CONTROL FLAP POSITION TO ANY SELECTED POSITION BETWEEN FLAP UP AND FLAP DOWN DETENTS IN FORWARD POSITION SLATS ARE RETRACTED, FLAPS ARE UP FINGER-OPERATED LEVER ON CONTROL HANDLE USED TO BYPASS GATE-DETENT SLAT EXT AND FLAP UP. MOVEMENT PAST DETENT PROVIDES FLAP EXTENSION PROPORTIONAL TO HANDLE POSITION POSITION INDICATED BY FLAP AND SLAT INDICATORS HANDLE		4	
SC20301		1 2 3 4 5	PILOTS SPD BRK CONTR #4 THRUT	1 LOCATED ON RIGHT SIDE OF NO. 4 THRUTLE SERRATED CONTROL KNOB FOR OPERATION BY LEFT THUMB FORWARD (SLIDE ACTION) MOVEMENT TO IN POSITION RETRACTS SPEED BRAKES AFT (SLIDE ACTION) MOVEMENT TO OUT POSITION EXTENDS SPEED BRAKES 3 POSITION MOMENTARY SWITCH		25	34
S020302		1 2 3 4 5	COPLTS SPD BRK CONTR #4 THRUT	1 LOCATED ON RIGHT SIDE OF NO. 4 THRUTLE SERRATED CONTROL KNOB FOR OPERATION BY LEFT THUMB FORWARD (SLIDE ACTION) MOVEMENT TO IN POSITION RETRACTS SPEED BRAKES AFT (SLIDE ACTION) MOVEMENT TO OUT POSITION EXTENDS SPEED BRAKES 3 POSITION MOMENTARY SWITCH		25	34
S020404	45	1 2 3 4 5	FLAP/WING WARNING LIGHTS	23 TRANS-ILLUMINATED LEGEND INDICATORS COLORED RED - STEADY ILLUMINATION INDICATES FLAPS ARE IN WRONG POSITION FOR CURRENT THRUTLE POSITION AND AIRSPEED TO EFFECT A SAFE TAKEOFF OR LANDING MANEUVER NOTE FLAP, THRUTLE POSITION, AND AIRSPEED, ALTITUDE - MAKE APPROPRIATE CORRECTIONS		1	
SC20401	45	1 2 3 4 5	PILOTS FLAP-WING WARNING LGTS	23 TRANS-ILLUMINATED LEGEND INDICATORS COLORED RED - STEADY ILLUMINATION INDICATES FLAPS ARE IN WRONG POSITION FOR CURRENT THRUTLE POSITION AND AIRSPEED TO EFFECT A SAFE TAKEOFF OR LANDING MANEUVER NOTE FLAP, THRUTLE POSITION, AND AIRSPEED, ALTITUDE - MAKE APPROPRIATE CORRECTIONS		1	

SC020402 COPLTS FLAP-WING WARNING LGTS

*CORR-ACTION 45
*FUNCTION 23
*LOCATION
*NAME
*SYN
*TYPE 1
*VALUES

1 TRANS-ILLUMINATED LEGEND INDICATORS COLORED RED - STEADY ILLUMINATION
2 INDICATES FLAPS ARE IN WRONG POSITION FOR CURRENT THROTTLE POSITION
3 AND AIRSPEED TO EFFECT A SAFE TAKEOFF OR LANDING MANEUVER
4 NOTE FLAP, THROTTLE POSITION, AND AIRSPEED, ALTITUDE - MAKE APPROPRIATE
5 CORRECTIONS
6 45678
7 23456789

SC03010X AFCS MODE SELECTION PANEL

1 LOCATED IN SHROUD TO OUTER SIDE OF RESPECTIVE PANEL
2 CONSISTS OF 8 ILLUMINATED LEGEND, MOMENTARY, PUSHBUTTON SWITCHLIGHTS
3 EACH SWITCHLIGHT HAS TWO IDENTICAL LEGEND PLATES, ONE ABOVE ANOTHER
4 LOWER LEGEND COLOR-CODED GREEN INDICATING FUNCTION ENGAGED
5 UPPER LEGEND COLOR-CODED WHITE INDICATING FUNCTION IN STANDBY MODE
6 ONE OF TWO MODES IS ALWAYS ILLUMINATED
7 ACTIVATION OF SWITCHLIGHT ON ONE PANEL ACTIVATES SWITCHLIGHT CHANGE
8 ON OTHER PANEL (EXCEPT TAKE COMMAND SWITCHLIGHT)
9 A UNIT

SC03010X01 TAKE COMMAND PUSHBUTTON

1 W-WHITE (STANDBY), G-GREEN (ENGAGED)
2 FOR TRANSFER OF COMMAND, DEPRESSION OF WHITE TAKE CMD WILL EXTINGUISH
3 WHITE LEGEND AND ILLUMINATE GREEN LEGEND ON SAME SWITCHLIGHT AND
4 SIMULTANEOUSLY ILLUMINATE WHITE LEGEND ON OTHER TAKE CMD LIGHTS
5 TRANSFER OF COMMAND ALSO TRANSFERS AUTO THROT ENGAGE CONTROL
6 AND FLT DIR PANEL SELECTION REFERENCE
7 A SWITCHLIGHT
8 23456
9 7 1

SC03010X02 ENGAGE PUSHBUTTONS

1 PROVIDES ENGAGEMENT OF THE BASIC AFCS MODE OF FLIGHT PATH HOLD IN THE
2 PITCH AXIS AND ATTITUDE HOLD IN THE ROLL AXIS.
3 BOTH ENGAGE AND TAKE CMD SWITCHLIGHTS MUST BE GREEN BEFORE OTHER AFCS
4 MODES MAY BE SELECTED.
5 WITH ENGAGE IN GREEN, CONTROL STICK STEERING IS PROVIDED TO THE PILOT
6 AND COPILOT BY FLIGHT CONTROL STICK DISPLACEMENT EXCEEDING A PRE-
7 DETERMINED THRESHOLD.
8 12
9 34567

SC03010X03 FLT DIR PUSHBUTTON

1 PROVIDES COUPLING OF SELECTED FLIGHT DIRECTOR FUNCTIONS ON THE FLT DIR
2 PANEL OF THE FLIGHT CREWMAN HAVING AFCS COMMAND.
3 234
4 5 1

SC03010X04 ALTITUDE HOLD PUSHBUTTON

1 W-WHITE (STANDBY), G-GREEN (ENGAGED)
2 SELECTION FROM WHITE TO GREEN PROVIDES AN ALTERNATE PITCH MODE TO
3 CONTROL A/V AND MAINTAIN ALTITUDE AT TIME OF ALT SELECTION
4 ALTITUDE REF MAY BE CHANGED BY USE OF AFCS INTERRUPT FUNCTION
5 A SWITCHLIGHT
6 2345
7 6 1

SC03010X05 A-S (AIRSPEED HOLD) PUSHBUTTON

1 W-WHITE (STANDBY), G-GREEN (ENGAGED)
2 SELECTION FROM WHITE TO GREEN PROVIDES FOR MAINTAINING AIRSPEED AT
3 TIME OF SELECTION. REFERENCE MAY BE CHANGED BY AFCS INTERRUPT FUNCTION
4 A/S MODE NOT COMPATIBLE WITH AUTO THROT, ALT, OR MACH MODES. AIR-
5 SPEED CHANGED BY A/V ALTITUDE
6 A SWITCHLIGHT

PAGE169 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*SYN	*TYPE	*VALUES
SC03010X06	MACH (MACH HOLD) PUSHBUTTON	1 2 3 4 5 6	2345 W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN MAINTAINS MACH NUMBER EXISTING AT TIME OF ENGAGEMENT. REFERENCE MAY BE CHANGED BY AFCS INTERRUPT MACH MODE NOT COMPATIBLE WITH AUTO THROT, ALT, OR A/Vs. MACH HOLD MAINTAINED BY CHANGE IN A/V ALTITUDE NOT THROTTLE SETTINGS A SWITCHLIGHT			6	1
SC03010X07	TERRAIN FOLLOWING PUSHBUTTON	1 2 3 4 5 6 7 8	234567 W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN PROVIDES ALTERNATE PITCH MODE TO CONTROL A/V AUTOMATICALLY IN RESPONSE TO PITCH SIGNALS GENERATED IN MILITARY AVIONICS SUBSYSTEM. PRIOR TO ENGAGEMENT THE FOLLOWING SWITCHES MUST BE SET- 1) ALT REF/TER FLW SET TO TER FLW 2) VSD-MODE SWITCHES BOTH SET TO ADIP 3) CL SWITCH SET 4) RIDE SWITCH SET 5) BOTH TFR MODE SWITCHES SET TO TF 6) AUTO LTON ENCL SET TO AUTO LTON ENCL A SWITCHLIGHT			8	1
SC030101	PILOTS AFCS MODE SELECT PANEL	1 2 3 4 5 6 7 8 9	45678 LOCATED IN SHROUD TO OUTER SIDE OF RESPECTIVE PANEL CONSISTS OF 8 ILLUMINATED LEGEND, MOMENTARY, PUSHBUTTON SWITCHLIGHTS EACH SWITCHLIGHT HAS TWO IDENTICAL LEGEND PLATES, ONE ABOVE ANOTHER LOWER LEGEND COLOR-CODED GREEN INDICATING FUNCTION ENGAGED UPPER LEGEND COLOR-CODED WHITE INDICATING FUNCTION IN STANDBY MODE ONE OF TWO MODES IS ALWAYS ILLUMINATED ACTIVATION OF SWITCHLIGHT ON ONE PANEL ACTIVATES SWITCHLIGHT CHANGE ON OTHER PANEL (EXCEPT TAKE COMMAND SWITCHLIGHT) A UNIT			7	1
SC03010101	PILOTS TAKE COMMAND PUSHBUTTON	1 2 3 4 5 6 7	23456 W-WHITE(STANDBY), G-GREEN(ENGAGED) FOR TRANSFER OF COMMAND, DEPRESSION OF WHITE TAKE CMD WILL EXTINGUISH WHITE LEGEND AND ILLUMINATE GREEN LEGEND ON SAME SWITCHLIGHT AND SIMULTANEOUSLY ILLUMINATE WHITE LEGEND ON OTHER TAKE CMD LIGHTS TRANSFER OF COMMAND ALSO TRANSFERS AUTO THROT ENGAGE CONTROL AND FLT DIR PANEL SELECTION REFERENCE A SWITCHLIGHT				
SC03010102	PILOTS ENGAGE PUSHBUTTON	1 2 3 4 5 6 7	34567 PROVIDES ENGAGEMENT OF THE BASIC AFCS MODE OF FLIGHT PATH HOLD IN THE PITCH AXIS AND ALTITUDE HOLD IN THE ROLL AXIS. BOTH ENGAGE AND TAKE CMD SWITCHLIGHTS MUST BE GREEN BEFORE OTHER AFCS MODES MAY BE SELECTED. WITH ENGAGE IN GREEN, CONTROL STICK STEERING IS PROVIDED TO THE PILOT BY FLIGHT CONTROL STICK DISPLACEMENT EXCEEDING A PREDETERMINED THRESHOLD.				
SC03010103	PILOTS FLT DIR PUSHBUTTON	1 2	12 PROVIDES COUPLING OF SELECTED FLIGHT DIRECTOR FUNCTIONS ON THE FLT DIR PANEL OF THE FLIGHT CREWMAN HAVING AFCS COMMAND.			5	1
SC03010104	PLTS ALTITUDE HOLD PUSHBUTTON	1 2 3 4 5	234 W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN PROVIDES AN ALTERNATE PITCH MODE TO CONTROL A/V AND MAINTAIN ALTITUDE AT TIME OF ALT SELECTION ALTITUDE REF MAY BE CHANGED BY USE OF AFCS INTERRUPT FUNCTION A SWITCHLIGHT				

PAGE170 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
SC3010105	PILOT AIRSPEED HOLD PUSHBUTTON		2345				6	1
		1	W-WHITE(STANDBY), G-GREEN(ENGAGED)					
		2	SELECTION FROM WHITE TO GREEN PROVIDES FOR MAINTAINING AIRSPEED AT					
		3	TIME OF SELECTION. REFERENCE MAY BE CHANGED BY AFCS INTERRUPT FUNCTION					
		4	A/S MODE NOT COMPATIBLE WITH AUTO THROT, ALT, OR MACH MODES. AIR-					
		5	SPEED CHANGED BY A/V ALTITUDE					
		6	A SWITCHLIGHT					
SC3010106	PLTS MACH (MACH HOLD) PUSHBTN		2345				6	1
		1	W-WHITE(STANDBY), G-GREEN(ENGAGED)					
		2	SELECTION FROM WHITE TO GREEN MAINTAINS MACH NUMBER EXISTING AT TIME					
		3	OF ENGAGEMENT. REFERENCE MAY BE CHANGED BY AFCS INTERRUPT					
		4	MACH MODE NOT COMPATIBLE WITH AUTO THROT, ALT, OR A/S. MACH HOLD					
		5	MAINTAINED BY CHANGE IN A/V ALTITUDE NOT THROTTLE SETTINGS					
		6	A SWITCHLIGHT					
SC3010107	PILOTS TER FLWG PUSHBUTTON		234567				6	1
		1	W-WHITE(STANDBY), G-GREEN(ENGAGED)					
		2	SELECTION FROM WHITE TO GREEN PROVIDES ALTERNATE PITCH MODE TO CONTROL					
		3	A/V AUTOMATICALLY IN RESPONSE TO PITCH SIGNALS GENERATED IN MILITARY					
		4	AVIONICS SUBSYSTEM. PRIOR TO ENGAGEMENT THE FOLLOWING SWITCHES MUST					
		5	BE SET- 1) ALT REF/TER FLW SET TO TER FLW 2) VSD-MODE SWITCHES BOTH					
		6	SET TO ADI 3) CL SWITCH SET 4) RIDE SWITCH SET 5) BOTH TFR MODE					
		7	SWITCHES SET TO TF 6) AUTO LTDN ENBL SET TO AUTO LTDN ENL					
		8	A SWITCHLIGHT					
SC3010108	PILOTS AUTO THROT PUSHBUTTON		23456				7	1
		1	G-GREEN(ENGAGED), W-WHITE(STANDBY)					
		2	SELECTION FROM WHITE TO GREEN BY TAKE CMD PILOT ENGAGES ONE OF					
		3	TWO MODES OF AUTOMATIC THROTTLE CONTROL					
		4	NOT COMPATIBLE WITH MACH OR A/S MODES					
		5	DISENGAGED BY 1) AFCS DISENGAGE 2) AUTO THROT DISC BUTTON					
		6	3) SELECTION OF MACH OR A/S MODES 4) PUSHING SWITCHLIGHT AGAIN					
		7	A SWITCHLIGHT					
SC3010109	AUTO THROT CAUTION LIGHT	45	23				1	
		1	COLOR-YELLOW-CAUTION LIGHT					
		2	WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS					
		3	ILLUMINATES TO INDICATE MALFUNCTION IN ENGINE CONTROL LOOP					
		4	PUSH AUTO THROT SWITCHLIGHT TO DISENGAGE AUTOMATIC THROTTLE, PUSH					
		5	AGAIN TO ATTEMPT AUTO THROT RESE					
			23456				7	1
SC3010201	COPLTS TAKE COMMAND PUSHBUTTON							
		1	W-WHITE(STANDBY), G-GREEN(ENGAGED)					
		2	FOR TRANSFER OF COMMAND, DEPRESSION OF WHITE TAKE CMD WILL EXTINGUISH					
		3	WHITE LEGEND AND ILLUMINATE GREEN LEGEND ON SAME SWITCHLIGHT AND					
		4	SIMULTANEOUSLY ILLUMINATE WHITE LEGEND ON OTHER TAKE CMD LIGHTS					
		5	TRANSFER OF COMMAND ALSO TRANSFERS AUTO THROT ENGAGE CONTROL					
		6	AND FLT DIR PANEL SELECTION REFERENCE					
		7	A SWITCHLIGHT					
SC3010202	COPILOTS ENGAGE PUSHBUTTON		I2					34567
		1	PROVIDES ENGAGEMENT OF THE BASIC AFCS MODE OF "LIGHT PATH HOLD IN THE					
		2	PITCH AXIS AND ATTITUDE HOLD IN THE ROLL AXIS.					
		3	BOTH ENGAGE AND TAKE CMD SWITCHLIGHTS MUST BE GREEN BEFORE OTHER AFCS					
		4	MODES MAY BE SELECTED.					
		5	WITH ENGAGE IN GREEN CONTROL STICK STEERING IS PROVIDED TO THE COPILOT					
		6	BY FLIGHT CONTROL STICK DISPLACEMENT EXCEEDING A PREDETERMINED					
		7	THRESHOLD.					

		*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
AGE171	NAME							
03010203	COPILOTS FLT DIR PUSHBUTTON	1 2	12 234		PROVIDES COUPLING OF SELECTED FLIGHT DIRECTOR FUNCTIONS ON THE FLT DIR PANEL OF THE FLIGHT CREWMAN HAVING AFCS COMMAND.			1 5
03010204	CPLTS ALTITUDE HOLD PUSHBUTTON	1 2 3 4 5	1 2 3 4 5		W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN PROVIDES AN ALTERNATE PITCH MODE TO CONTROL A/V AND MAINTAIN ALTITUDE AT TIME OF ALT SELECTION ALTITUDE REF MAY BE CHANGED BY USE OF AFCS INTERRUPT FUNCTION A SWITCHLIGHT		6 1	
03010205	COPLT AIRSPEED HOLD PUSHBUTTON	1 2 3 4 5 6	1 2 3 4 5 6		W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN PROVIDES FOR MAINTAINING AIRSPEED AT TIME OF SELECTION. REFERENCE MAY BE CHANGED BY AFCS INTERRUPT FUNCTION A/S MODE NOT COMPATIBLE WITH AUTO THROT, ALT, OR MACH MODES. AIR- SPEED CHANGED BY A/V ALTITUDE A SWITCHLIGHT		6 1	
03010206	CPLTS MACH (MACH HOLD) PSHBTN	1 2 3 4 5 6	1 2 3 4 5 6		W-WHITE(STANDBY), G-GREEN(ENGAGED) SELECTION FROM WHITE TO GREEN MAINTAINS MACH NUMBER EXISTING AT TIME OF ENGAGEMENT. REFERENCE MAY BE CHANGED BY AFCS INTERRUPT MACH MODE NOT COMPATIBLE WITH AUTO THROT, ALT, OR A/S. MACH HOLD MAINTAINED BY CHANGE IN A/V ALTITUDE NOT THROTTLE SETTINGS A SWITCHLIGHT		8 1	
03010207	COPILOTS TER FLWG PUSHBUTTON							
030201	SPOILER 1 CAUTION LIGHT	56	2345		COLOR-YELLOW-CAUTION LIGHT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS ILLUMINATES WHENEVER MONITOR FOR OUTBOARD SPOILER CHANNEL DETECTS AND SHUTS DOWN AN OUT OF TOLERANCE CHANNEL CORRECTIVE ACTION - ATTEMPT RESET OF FAILED CHANNEL MOMENTARILY SET SPOILER SWITCH TO RESET POSITION		1	
030202	SPOILER OFF CAUTION LIGHT	45	234		COLOR-YELLOW-CAUTION LIGHT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS ILLUMINATES TO INDICATE SECOND FAILURE OF SPOILER SYSTEM CORRECTIVE ACTION - DEENERGIZE OUTBOARD SPOILER SYSTEM NO CORRECTIVE ACTION POSSIBLE IN FLIGHT		1	
030203	FLAP 1 CAUTION LIGHT	56	2345		COLOR-YELLOW-CAUTION LIGHT WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS ILLUMINATES TO INDICATE DETECTION OF OUT OF TOLERANCE CHANNEL IN FLAP/SLAT CONTROL SUBSYSTEM CORRECTIVE ACTION - ATTEMPT RESET BY FLAP/SLAT RESET BUTTON PUSH FLAP-SLAT RESET PUSHBUTTON			

PAGE172
CODE

S030204

NAME
FLAP OFF CAUTION LIGHT

*CURR-ACTION
56

*FUNCTION *LOCATION *NAME *SYN *TYPE *VALUES

2345
1 COLOR-YELLOW-CAUTION LIGHT
2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 ILLUMINATES TO INDICATE DETECTION OF OUT-OF-TOLERANCE CONDITIONS
4 THAT RESULT IN SHUT DOWN OF ALL THREE CHANNELS
5 CORRECTIVE ACTION - ATTEMPT RESET BY FLAP/SLAT RESET
6 PUSH FLAP-SLAT RESET PUSHBUTTON
2345

S03020501

AFCS ROLL CAUTION LIGHT

67

1 COLOR-YELLOW-CAUTION LIGHT
2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 ILLUMINATES TO INDICATE AFCS ROLL SYSTEM MALFUNCTION AND TO
4 INDICATE A/V BANK ANGLE AT TIME OF AFCS ENGAGEMENT NOT
5 WITHIN SPECIFIED LIMITS.
6 PUSH AFCS ENGAGE SWITCHLIGHT
7 RESELECT AFCS MODE, AS DESIRED
234

S03020502

AFCS APRCH ROLL CAUTION
LIGHT

56

1 COLOR-YELLOW-CAUTION LIGHT
2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 INDICATES MALFUNCTION IN AFCS APPROACH ROLL SYSTEM
4 ARMED BY SELECTION OF ILS OR AILA CN FLT DIR
5 PUSH AFCS ENGAGE SWITCHLIGHT
6 PUSH AFCS FLT DIR SWITCHLIGHT
234

S03020601

AFCS PITCH CAUTION LIGHT

56

1 COLOR-YELLOW-CAUTION LIGHT
2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 INDICATES MALFUNCTION IN AFCS PITCH SUBSYSTEM. ALSO INDICATES A/V
4 PITCH ANGLE AT TIME OF AFCS ENGAGEMENT NOT WITHIN SPECIFIED LIMITS
5 PUSH AFCS ENGAGE SWITCHLIGHT
6 RESELECT AFCS MODE AS DESIRED
234

S03020602

AFCS APRCH PITCH CAUTION
LIGHT

56

1 COLOR-YELLOW-CAUTION LIGHT
2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS
3 INDICATES DETECTION OF MALFUNCTION IN AFCS APRCH PITCH SYSTEM
4 ARMED BY SELECTION OF ILS OR AILA CN FLT DIR
5 PUSH AFCS ENGAGE SWITCHLIGHT
6 PUSH AFCS FLT DIR SWITCHLIGHT
1234

S03030X

AFCS INTERRUPT-DISENGAGE
CNTRL

5

1 SQUEEZING TO FIRST DETENT 1) INTERRUPTS AFCS PITCH FUNCTION 2) OPENS
2 AERIAL REFUELING TOGGLE LATCHES AND RESETTING AERIAL REFUELING
3 AMPLIFIER WHEN IN REFUEL MODE
4 SQUEEZING TO SECOND DETENT CONTROLS AFCS DISENGAGEMENT
5 TRIGGER TYPE SWITCH
1234

S030301

PILCT AFCS INTRPT-DISENG
CNTRL

5

1 SQUEEZING TO FIRST DETENT 1) INTERRUPTS AFCS PITCH FUNCTION 2) OPENS
2 AERIAL REFUELING TOGGLE LATCHES AND RESETTING AERIAL REFUELING
3 AMPLIFIER WHEN IN REFUEL MODE
4 SQUEEZING TO SECOND DETENT CONTROLS AFCS DISENGAGEMENT
5 TRIGGER-TYPE SWITCH

PAGE CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
173			1234				5	
S030302	CPLT AFCS INTRAPT-DISENG CNTRL		1 SQUEEZING TO FIRST DETENT 1) INTERRUPTS AFCS PITCH FUNCTION 2) OPEN 2 AERIAL REFUELING TOGGLE LATCHES AND RESETS AERIAL REFUELING 3 AMPLIFIER WHEN IN REFUEL MODE 4 SQUEEZING TO SECOND DETENT CONTROLS AFCS DISENGAGEMENT 5 TRIGGER-TYPE SWITCH				1	
S0401	SMCS CAUTION LIGHT	56	2345 1 COLOR-YELLOW-CAUTION LIGHT 2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 ILLUMINATES TO INDICATE DETECTION BY SMCS SHUTOFF MONITOR OF OUT 4 OF TOLERANCE CONDITION 5 CORRECTIVE ACTION - ATTEMPT TO RESET SMCS 6 PLACE SMCS SWITCH TO RESET POSITION				1	
U01	FUEL MGMT PNL		1 A UNIT CONSISTING OF U1-1.1 THROUGH U1-13				47	156
U01010X	FUEL QUANTITY INDICATORS		23 1 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER 2 PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND 3 WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) 4 ARRANGED IN SEQUENCE PAIRS 5 INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION 6 IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS 7 VERTICAL TAPE DISPLAYS				47	156
U010101	FUS #3 QTY TAPE INDICATOR		23 1 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER 2 PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND 3 WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) 4 ARRANGED IN SEQUENCE PAIRS 5 INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION 6 IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS 7 VERTICAL TAPE DISPLAYS				47	156
U010102	FUS #2 QTY TAPE INDICATOR		23 1 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER 2 PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND 3 WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) 4 ARRANGED IN SEQUENCE PAIRS 5 INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION 6 IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS 7 VERTICAL TAPE DISPLAYS				47	156
U010103	WG L QTY TAPE INDICATOR		23 1 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER 2 PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND 3 WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) 4 ARRANGED IN SEQUENCE PAIRS 5 INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION 6 IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS 7 VERTICAL TAPE DISPLAYS				47	156

PAGE 174 CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U010104	WG R QTY TAPE INDICATOR	1 2 3 4 5 6 7	23 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) ARRANGED IN SEQUENCE PAIRS INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS VERTICAL TAPE DISPLAYS				47	156
U010105	FUS #1 QTY TAPE INDICATOR	1 2 3 4 5 6 7	23 VALUES IN POUNDS X 1000, SCALE LIMITS OFFER PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) ARRANGED IN SEQUENCE PAIRS INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS VERTICAL TAPE DISPLAYS				47	156
U010106	FUS #4 QTY TAPE INDICATOR	1 2 3 4 5 6 7	23 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) ARRANGED IN SEQUENCE PAIRS INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS VERTICAL TAPE DISPLAYS				47	156
U010107	MAIN L QTY TAPE INDICATOR	1 2 3 4 5 6 7	23 VALUES IN POUNDS X 1000, SCALE LIMITS OFFER PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) ARRANGED IN SEQUENCE PAIRS INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS VERTICAL TAPE DISPLAYS				47	156
U010108	MAIN R QTY TAPE INDICATOR	1 2 3 4 5 6 7	23 VALUES IN POUNDS X 1000, SCALE LIMITS DIFFER PROVIDES GROSS FUEL QUANTITIES FOR ALL FUEL TANKS EXCEPT EXTERNAL AND WEAPON BAY (FUS 3,FUS 2,WGL,WGR,FUS 1,FUS 4,MAIN L MAIN R) ARRANGED IN SEQUENCE PAIRS INDICATOR FACE HAS GREEN RANGE MARKINGS TO INDICATE NORMAL FLUCTUATION IN FUEL LEVEL PRIOR TO DEPLETION OF FINAL FUEL TANKS VERTICAL TAPE DISPLAYS				47	156
U01020X	FILL VALVE SWITCHES	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND/OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL,PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH				7	23456

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U010201	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND-OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH	1			7	23456
U010202	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND-OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH	1			7	23456
U010203	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND-OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH	1			7	23456
U010204	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND-OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH	1			7	23456
U010205	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND-OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH	1			7	23456
U010206	1 2 3 4 5 6 7	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING AND-OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 AUTO POSITION IS NORMALLY MAINTAINED POSITION CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 3 POSITION TOGGLE SWITCH	1			7	23456

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U010207		1 2 3 4 5 6 7	#4 FILL VALVE SWITCH	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL CONSUMPTION 2 OPEN OVERRIDES AUTOMATIC FUEL SEQUENCING 3 AUTO PROVIDES AUTOMATIC CONTROL OF FILL VALVES DURING AERIAL REFUELING 4 AND/OR AS REQUIRED BY CG CONTROL OF BALLAST TANKS 1 AND 4 5 AUTO POSITION IS NORMALLY MAINTAINED POSITION 6 CLOSE OVERRIDES AUTO CONTROL, PREVENTS FUEL TRANSFER INTO SELECTED TANK 7 3 POSITION TOGGLE SWITCH		7	23456
U01030X		1 2 3	MAIN FILL VALVE SWITCHES	1 CLOSE FILL VALVES IN CASE OF SERIOUS TANK LEAKAGE DUE TO DAMAGE 2 OPEN POSITION IS NORMAL OPERATING POSITION 3 2 POSITION LEVER-LOCK TOGGLE SWITCH		3	2
U010301		1 2 3	L MAIN FILL VALVE SWITCH	1 CLOSE FILL VALVES IN CASE OF SERIOUS TANK LEAKAGE DUE TO DAMAGE 2 OPEN POSITION IS NORMAL OPERATING POSITION 3 2 POSITION LEVER-LOCK TOGGLE SWITCH		3	2
U010302		1 2 3	R MAIN FILL VALVE SWITCH	1 CLOSE FILL VALVES IN CASE OF SERIOUS TANK LEAKAGE DUE TO DAMAGE 2 OPEN POSITION IS NORMAL OPERATING POSITION 3 2 POSITION LEVER-LOCK TOGGLE SWITCH		3	2
U01040X		1 2 3 4 5 6 7	TRANSFER PUMP SWITCHES	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE 2 ON OVERRIDES AUTOMATIC FUEL SEQUENCE 3 AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT 4 CENTER OF GRAVITY 5 OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S 6 TRANSFER PUMPS 7 3 POSITION TOGGLE SWITCH		7	23456
U010401		1 2 3 4 5 6 7	FWD ST BAY TRANSFER SWITCH	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE 2 ON OVERRIDES AUTOMATIC FUEL SEQUENCE 3 AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT 4 CENTER OF GRAVITY 5 OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S 6 TRANSFER PUMPS 7 3 POSITION TOGGLE SWITCH		7	23456
U010402		1 2 3 4 5 6 7	INTMO ST BAY TRANSFER SWITCH	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE 2 ON OVERRIDES AUTOMATIC FUEL SEQUENCE 3 AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT 4 CENTER OF GRAVITY 5 OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S 6 TRANSFER PUMPS 7 3 POSITION TOGGLE SWITCH		7	23456
U010403		1 2 3 4 5 6 7	#3 TANK TRANSFER SWITCH	23456 1 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE 2 ON OVERRIDES AUTOMATIC FUEL SEQUENCE 3 AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT 4 CENTER OF GRAVITY 5 OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S 6 TRANSFER PUMPS 7 3 POSITION TOGGLE SWITCH		7	23456

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U010404	1 2 3 4 5 6 7	23456 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE ON OVERRIDES AUTOMATIC FUEL SEQUENCE AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT CENTER OF GRAVITY OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S TRANSFER PUMPS 3 POSITION TOGGLE SWITCH	1 1 1 1 1 1 1			7	23456
U010405	1 2 3 4 5 6 7	23456 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE ON OVERRIDES AUTOMATIC FUEL SEQUENCE AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT CENTER OF GRAVITY OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S TRANSFER PUMPS 3 POSITION TOGGLE SWITCH	1 1 1 1 1 1 1			7	23456
U010406	1 2 3 4 5 6 7	23456 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE ON OVERRIDES AUTOMATIC FUEL SEQUENCE AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT CENTER OF GRAVITY OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S TRANSFER PUMPS 3 POSITION TOGGLE SWITCH	1 1 1 1 1 1 1			7	23456
U010407	1 2 3 4 5 6 7	23456 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE ON OVERRIDES AUTOMATIC FUEL SEQUENCE AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT CENTER OF GRAVITY OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S TRANSFER PUMPS 3 POSITION TOGGLE SWITCH	1 1 1 1 1 1 1			7	23456
U010408	1 2 3 4 5 6 7	23456 ARRANGED LEFT TO RIGHT IN ORDER OF FUEL SEQUENCE ON OVERRIDES AUTOMATIC FUEL SEQUENCE AUTO PROVIDES AUTOMATIC PUMP SELECTION, MAINTAINS PROPER AIRCRAFT CENTER OF GRAVITY OFF OVERRIDES AUTOMATIC FUEL SEQUENCE, TURNS OFF SELECTED TANK'S TRANSFER PUMPS 3 POSITION TOGGLE SWITCH	1 1 1 1 1 1 1			7	23456
U0105	1 2 3 4 5 6 7 8	2345678 3 POSITION TOGGLE SWITCH CLOSE OVERRIDES AUTOMATIC CONTROL SYSTEM, ISOLATES TANKS 1 AND 4 FROM ENGINE FEED FUEL TRANSFER SYSTEM AUTO PROVIDES AUTO CONTROL OF THIS VALVE DURING AERIAL REFUELING AND TRANSFER SEQUENCING AUTO IS NORMAL OPERATING MODE OPEN OVERRIDES AUTO CONTROL, PROVIDES MANUAL CONTROL DURING AERIAL REFUELING	1 1 1 1 1 1 1 1			1	2345678

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U010601		CROSSFEED SWITCH					
				23456			
				1 2 POSITION TOGGLE SWITCH		1	23456
				2 CLOSE POSITION SELECTS LEFT FUEL SYSTEM TO FEED ENGINES 1 AND 2 AND			
				3 RIGHT FUEL SYSTEM TO FEED ENGINES 3 AND 4			
				4 OPEN VALVE IN EVENT LEFT OR RIGHT BOOST PUMPS FAIL TO FEED THEIR			
				5 RESPECTIVE ENGINES			
				6 CLOSED IS NORMAL POSITION			
U01060201	45	L FUEL BOOST CAUTION LIGHT		236			
				1 CAUTION LIGHT		1	
				2 ILLUMINATES TO INDICATE FAILURE OF ANY OF THE FUEL BOOST PUMPS IN			
				3 THE LEFT FUEL SYSTEM			
				4 PLACE FUEL XFEED SWITCH TO OPEN TO ALLOW FUNCTIONING PUMPS TO			
				5 FEED FUEL TO ALL FOUR ENGINES			
				6 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
U01060202	45	R FUEL BOOST CAUTION LIGHT		236			
				1 CAUTION LIGHT		1	
				2 ILLUMINATES TO INDICATE FAILURE OF ANY OF THE FUEL BOOST PUMPS IN			
				3 THE RIGHT FUEL SYSTEM			
				4 PLACE FUEL XFEED SWITCH TO OPEN TO ALLOW FUNCTIONING PUMPS TO			
				5 FEED FUEL TO ALL FOUR ENGINES			
				6 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS			
U010603	45	FUEL LOW CAUTION LIGHT		236			
				1 CAUTION LIGHT		1	
				2 ILLUMINATES TO INDICATE FUEL IN THE LEFT OR RIGHT MAIN TANKS IS LESS			
				3 THAN 4000 LBS.			
				4 IF FUEL REMAINS IN OTHER TANKS TRANSFER TO MAIN TANKS BY MEANS OF			
				5 TRANSFER PUMP SWITCHES. IF NO FUEL PREPARE TO LAND			
				6 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHT			
U0107		SEQUENCE SWITCH		1234			
				1 FUSELAGE TANKS 2 AND 3 NORMALLY USED EARLY IN SEQUENCE		5	234
				2 IF PILOT WISHES TO FLY SUPERSONIC MISSION IMMEDIATELY AFTER AERIAL			
				3 REFUELING, HE WILL SELECT 'WG' POSITION			
				4 WG-WINGS FIRST, SEQUENCE IN WHICH TANKS ARE EMPTIED			
				5 2 POSITION TOGGLE SWITCH			
U01080X		SELECT QUANTITY DIGITAL READ		12			
				1 DISPLAYS READOUT TOTAL QUANTITY IN POUNDS IN ANY PAIR OF FUEL TANKS		3	
				2 SELECTED BY SELECT TANK SWITCH			
				3 CONSISTS OF 2 5-DIGIT READOUTS AND TANK IDENTIFIERS		3	
U010801		UPPER DIGITAL READOUT (QTY LB)		12			
				1 DISPLAYS READOUT TOTAL QUANTITY IN POUNDS IN ANY PAIR OF FUEL TANKS			
				2 SELECTED BY SELECT TANK SWITCH			
				3 CONSISTS OF 2 5-DIGIT READOUTS AND TANK IDENTIFIERS		3	
U010802		LOWER DIGITAL READOUT (QTY LB)		12			
				1 DISPLAYS READOUT TOTAL QUANTITY IN POUNDS IN ANY PAIR OF FUEL TANKS			
				2 SELECTED BY SELECT TANK SWITCH			
				3 CONSISTS OF 2 5-DIGIT READOUTS AND TANK IDENTIFIERS		3	
U0109		SELECT TANK SWITCH		234			
				1 NOMENCLATURE ARRANGED IN NORMAL ORDER OF FUEL DEPLETION		15	34
				2 USED TO SELECT TANK IDENTIFIERS TO BE READ ON DIGITAL DISPLAYS U1-8.X			
				3 SINGLE SELECTION IN ROTARY SWITCH SIMULTANEOUSLY DISPLAYS SEQUENCE			
				4 PAIR TANK IDENTIFIERS IN DIGITAL READOUTS			
				5 ROTARY SELECT SWITCH			

PAGE CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U0110	TRANS PMP GEOGRAPHIC SCHEMATIC	1 2 3 4 5	123 DIAGRAM GIVES RELATIVE LOCATION OF TEN FUEL TANKS INDICATORS BLACK UNTIL FUEL IS BEING PUMPED FROM A GIVEN TANK, WHEN DISPLAY COLOR CHANGES TO GREEN WITHIN EACH TANK ON DIAGRAM IS ELECTRO-MECHANICAL FLOW INDICATOR SCHEMATIC AIRCRAFT DIAGRAM				45	23
U0111	DUMP SWITCH	1 2 3 4	1 2 3 4 123 PROVIDES SELECTION OF FUEL EMERGENCY OVERBOARD DUMP SWITCH IN OFF POSITION STOPS OVERBOARD DUMPING OF FUEL FROM WING TIPS 2 POSITION TOGGLE SWITCH				4	23
U0112	LN2 INERTING SWITCH	1 2 3 4	1 2 3 4 123 SELECTS AUTOMATIC FUEL TANK INERTING AND PRESSURIZATION IN LN POSITION OFF-BLEEDS AIR PRESSURIZATION PERMITS CREW TO CONSERVE NITROGEN OR DECREASE REFUELING TIME 3 POSITION TOGGLE SWITCH				4	12
U0113	FUEL & CENTER OF GRAVITY SW	1 2 3 4 5 6	1 2 3 4 5 6 2 SWITCH IS MOMENTARY-MAINTAINED-MOMENTARY 3 POSITION TOGGLE LACK OF RESPONSE DURING TESTING DFNOTES A FAULTY INDICATOR UP POSITION RUNS TAPES OF FUEL QUANTITY, TOTAL FUEL QTY, DIGITAL FUEL QTY, CENTER OF GRAVITY TO 'UP' POSITION SWITCH IN DOWN POSITION RUNS INDICATORS TO 'DOWN' POSITION OFF POSITION ALLOWS TAPES TO RETURN TO ACTUAL READINGS				1 1 1 1 1 1	3456
U02	PERCENT MACH INDICATOR	1 2 3 4 5 6 7	1 2 3 4 5 6 7 235 DISPLAY CONTAINS 2 MOVING VERTICAL TAPES, 2 MOVING POINTERS POINTER ON ACT TAPE INDICATES EXISTING CG LOCATION POINTER ON TGT TAPE INDICATES DESIRED CG LOCATION POINTERS INDICATE AIRSPEED, ALTITUDE, WING POSITION OF FWD, AFT LIMITS WORKS IN CONJUNCTION WITH CG LIMITS CAUTION LIGHT INCLUDES PERCENT MAC SCALE, FWD AND AFT LIMITS POINTER, ACT AND TGT TAPE POINTERS				1 1 1 1 1 1 1	4
U020201	FWD CG LIMITS POINTER	1 2	1 2 12 DISPLAYS AIR VEHICLE GROSS WEIGHT FROM DATA ACCUMULATED IN CG MEASURING SYSTEM.				1	
U020202	AFT CG LIMITS POINTER	1 2	1 2 12 DISPLAYS AIR VEHICLE GROSS WEIGHT FROM DATA ACCUMULATED IN CG MEASURING SYSTEM.				1	
U02030X	TAPE POINTER	1	1 CONSISTS OF U2-3.1 AND U2-3.2.					
U020301	ACTUAL TAPE POINTER	1	1 WEIGHT IN POUNDS X 100				4	1
U020302	TARGET TAPE POINTER	2	2 DISPLAYS AIR VEHICLE GROSS WEIGHT FROM DATA ACCUMULATED IN CG					
U0204	GROSS WT DIGITAL COUNTER	3 4	3 4 DIGITAL COUNTER				3	1
U03	TOTAL FUEL QUANTITY INDICATOR	1 2 3	1 2 3 VALUE GIVEN IN POUNDS X 100 (DIGITAL COUNTER), LBS X 10000 (SCALE) DISPLAYS TOTAL FUEL QUANTITY ABOARD AIR VEHICLE CONSISTS OF SCALE-READOUT AND COUNTER READOUT					
U0301	SCALE READOUT-FUEL-QTY	1	1 DISPLAYS THE TOTAL FUEL QUANTITY ABOARD THE AIR VEHICLE					

PAGE CODE	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
180 U0302	COUNTER READOUT-TOTAL FUEL	1	1	1	DISPLAYS THE TOTAL FUEL QUANTITY ABOARD THE AIR VEHICLE.		1	
U0401	CENTER OF GRAVITY CONTROL PNL	1 2	1 2	1 2	UNIT USED IN CONJUNCTION WITH PERCENT MACH INDICATOR		7	23456
U04010101	CRUISE MODE SELECT SWITCH	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 SELECTS MODE OF CG CONTROL 2 NORM MODE AUTOMATICALLY MAINTAINS AIR VEHICLE CG WITHIN ACCEPTABLE LIMITS 3 SET MODE ACTIVATES CONTROL FOR AIRCREW SELECTION OF CG LOCATION 4 OPT CRUISE MODE PROVIDES AUTOMATIC CG LOCATION CLOSER TO AFT LIMIT TO PROVIDE OPTIMUM CRUISE PERFORMANCE 5 6 7 POSITION TOGGLE SWITCH		6	234
U04010102	SYSTEM SELECT SWITCH	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	15 SELECTS MODE OF CG CONTROL 16 NORM MODE AUTOMATICALLY PROVIDES SYS 2 BACKUP TO SYS 1 IN CASE OF SYS 1 FAILURE 17 SELECTION OF EITHER SYS 1 OR SYS 2 LIMITS OPERATION TO THAT SYSTEM WORKS IN CONJUNCTION WITH CG CAUTION LIGHT 18 POSITION TOGGLE SWITCH		4	3
U040103	SET MODE & MAC SELECTOR SW	1 2 3 4	1 2 3 4	1 2 3 4	12 DIRECTS MANUAL CG LOCATIONS TO THE FUEL SYSTEM 13 ACTIVE WHEN CG MODE SWITCH IS IN SET POSITION 14 READS OUT IN PERCENT MAC 15 ROTARY CONTROL		3	
U040201	CG LIMITS CAUTION LIGHT	456789	1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9	12 INDICATES WHEN A-V CG EXCEEDS FORWARD OR AFT LIMITS 13 WORKS IN CONJUNCTION WITH MASTER CAUTION LIGHTS 14 CAUTION LIGHT-AMBER 15 MONITOR & MAC INDICATOR TO DETERMINE IF CG IS OUT OF FORWARD OR AFT LIMITS. VERIFY THAT TARGET CG IS WITHIN LIMITS. THEN MOVE FUEL MANUALLY FROM TANK 1 TO 4 OR VICE VERSA OR POSITION WING TO PRODUCE BETTER CG POS. IF TARGET CG OUT OF LIMITS, PLACE CG MODE SWITCH TO SET AND ADJUST SET MODE & MAC TO A POSITION WITHIN LIMITS		3	
U040202	CG CAUTION LIGHT	456	1 2 3 4 5 6	1 2 3 4 5 6	12 INDICATES WHEN BOTH CG SYS 1 AND 2 FAIL WHEN IN NORM MODE 13 WORKS IN CONJUNCTION WITH MASTER CAUTION LIGHTS 14 CAUTION LIGHT-AMBER 15 PLACE SYSTEM SELECT SWITCH TO SYS 1 AND SYS 2 AND LEAVE IN POSITION WHICH THE AIRCREW DETERMINES TO PROVIDE BEST PERFORMANCE		1	8
U040203	SEL ST OUT AFT LMTS CTN LIGHT	567	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 CAUTION LIGHT 2 WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS 3 ILLUMINATES TO INDICATE COMPLEMENT OF STORES SELECTED FOR LAUNCH WOULD CAUSE A-V CG TO BE CUT OF AFT LIMITS 4 PLACE CG MODE SWITCH TO SET AND SET ROTARY SET MODE & MAC TO MOVE CG FORWARD. IF CG CANNOT BE RELOCATED WITHIN LIMITS, ANOTHER COMPLEMENT OF STORES MUST BE SELECTED 5 6 7 8 LEGEND--SEL ST OUT AFT LIMITS		1	

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES			
U06030103	MODE SWITCH (REVERSE)		1 1 CONTROLS FLOW OF FUEL BETWEEN TANKER AND AIRCRAFT 2 NORMAL MODE IS FLOW FROM TANKER TO AIRCRAFT 3 REV MODE CAUSES FUEL TO FLOW FROM AIRCRAFT TO TANKER 4 WHEN TRANSFER IS COMPLETE, SWITCH IS SET AT NORM MODE 5 2 POSITION TOGGLE SWITCH				5	234			
U060302	OVERRIDE CAUTION LIGHT		1 1 DISPLAY CAUTIONS PILOTS OF REDUCED AERIAL REFUELING SYSTEM CAPABILITY 2 LIGHT ILLUMINATES WHEN SLIPWAY HANDLE IS EXTENDED, MODE SWITCH IN 3 OMODE POSITION 4 CAUTION LIGHT				4	23			
U060304	OPEN-UNLOCKED CAUTION LIGHT		1 1 SAME AS U060101								
U060401	READY-NWS ADVISORY LIGHT	6	1 1234 1 DISPLAYS WHEN SLIPWAY DOOR IS OPEN TOGGLE LATCHES POSITIONED TO 2 RECEIVE BOOM FUEL SYSTEM SEQUENCED TO RECEIVE FUEL AND TO INDICATE 3 WHEN NOSE WHEEL STEERING SYSTEM IS ENGAGED AND OPERATIVE (GEAR IS 4 EXTENDED) 5 ADVISORY LIGHT-BLUE LEGEND LIGHT 6 N-A 7 ABOVE CENTER INST PANEL ON WSHLD STRUCTURE				5				
U060402	LATCHED ADVISORY LIGHT	3	1 1 DISPLAY INDICATES WHEN REFUELING TOGGLES ARE LATCHED 2 ADVISORY LEGEND LIGHT-GREEN 3 N-A 4 ABOVE CENTER INST PANEL ON WSHLD STRUCTURE				2				
U060403	DISCONNECT CAUTION LIGHT	456	1 12 1 DISPLAY INDICATES WHEN TANKER AIR VEHICLE REFUELING BOOM IS REMOVED 2 FROM REFUELING RECEPTACLE 3 LIGHTS GO OUT WHEN AERIAL REFUELING SEQUENCE IS RESET 4 ILLUMINATION DURING REFUELING INDICATES HOOKUP AGAIN REQUIRED 5 FOR REHOOKUP DEPRESSING A-R DISCONNECT SWITCH WILL EXTINGUISH LT AND 6 CAUTION READY LT TO BE ILLUMINATED 7 CAUTION LEGEND LIGHT 8 ABOVE CENTER INST PANEL ON WSHLD STRUCTURE				7	3			
U0605	AERIAL REFUEL DISC SWITCH	5	1 23 1 IDENTICAL CNTRL FOR COPILOT ON FLIGHT? CONTROL STICK (U6-6) 2 OPENS AERIAL REFUELING TOGGLE LATCHES, RESETS AERIAL REFUELING 3 AMPLIFIER 4 TRIGGER TYPE MOMENTARY SWITCH 5 SECOND DEPRESSION WILL RESET AERIAL REFUELING AMPLIFIER 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000							4	
U07	GROUND REFUEL PANEL		1 1 UNIT 2 LOCATED IN A-V CREW ENTRYWAY 3 CONTROLS FOR GROUND REFUELING AND DEFUELING OF A-V TANKS 4 OPERATED BY A TECHNICIAN STANDING ON ENTRYWAY LADDER FACING AFT 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 								

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U0702		1 23 2 3 4 5	THUMBWHEELS	5 DISPLAY CONSISTS OF FOUR THUMBWHEELS SELECT DESIRED QUANTITY OF FUEL TO BE UPLOADED EACH TANK IS CONTROLLED BY A THUMBWHEEL MOVEMENT UP INCREASES QUANTITY, DOWN DECREASES QUANTITY LABELS-TK1, TK2, TK3, TK4		1	34
U070201		1	LCV TEST SHUTOFF SWITCH			1	
U07020201		1	LCV TEST FLOW SWITCH-LEFT			1	
U07020202		1	LCV TEST FLOW SWITCH-RIGHT			1	
U070203 U0703		1 2 3 4	LCV FAIL WARNING SWITCHLIGHT CG FAIL LEGEND LIGHT			1	
U07030X		1 23 2 3 4	DIGITAL COUNTERS	4 LEGEND READABLE ONLY WHEN LIGHT(RED) IS ILLUMINATED INDICATES FAILURE IN CG SYSTEM DURING GROUND REFUEL-DEFUEL DEFUEL-REFUEL STOPS WHEN LEGEND ILLUMINATES LEGEND LIGHT-RED		4	1
U070301		1 23 2 3 4	DIGITAL COUNTERS	4 DISPLAYS FUEL QUANTITY TO NEAREST HUNDRED POUNDS FOR: QUANTITY OF FUEL SELECTED TO BE PUMPED INTO TANKS, QUANTITY OF FUEL IN EACH TANK(STATIC, DYNAMIC DURING REFUELING-DEFUELING), TOTAL FUEL ONBOARD AIRCRAFT DIGITAL COUNTERS		4	123
U073302		1 23 2 3 4	DIGITAL COUNTERS	4 DISPLAYS FUEL QUANTITY TO NEAREST HUNDRED POUNDS FOR: QUANTITY OF FUEL SELECTED TO BE PUMPED INTO TANKS, QUANTITY OF FUEL IN EACH TANK(STATIC, DYNAMIC DURING REFUELING-DEFUELING), TOTAL FUEL ONBOARD AIRCRAFT DIGITAL COUNTERS		4	123
U0704		1 23 2 3 4	FILL CONTROL ROTARY SELECTOR	4 DISPLAYS FUEL QUANTITY TO NEAREST HUNDRED POUNDS FOR: QUANTITY OF FUEL SELECTED TO BE PUMPED INTO TANKS, QUANTITY OF FUEL IN EACH TANK(STATIC, DYNAMIC DURING REFUELING-DEFUELING), TOTAL FUEL ONBOARD AIRCRAFT DIGITAL COUNTERS		4	123
U070401		1 23 2 3 4	MODE CONTROL ROTARY SELECTOR	4 USED IN CONJUNCTION WITH U7-3 (DIGITAL COUNTERS) PROVIDES CAPABILITY TO SELECT ANY AIR VEHICLE TANK OR ALL VEHICLE TANK USED DURING FUEL QUANTITY SELECTION, FILL VALVE TESTS, FUELING-DEFUELING POSITION ROTARY SWITCH		4	123
U070402		1	TK 4 LCV CONTROL SWITCH	123 CONTROLS POWER TO GROUND REFUEL PANEL (OFF)		1	
U070403		1	TK 2 LCV CONTROL SWITCH	123 SELECT MODE OF FUELING (DEFUEL, REFUEL)		1	
U070404		1	TK 3 LCV CONTROL SWITCH	123 SELECT QUANTITY OF FUEL ON BOARD AIRCRAFT (FUEL QUANTITY)		1	
U070405		1	WG LCV CONTROL SWITCH	123 4 POSITION SELECTOR SWITCH		1	
U070406		1	ST BAY LCV CONTROL SWITCH			1	
U070407		1	MAIN LCV CONTROL SWITCH			1	

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
U0705	FILL CONTROL SET TEST	1 2 3 4	1 VERIFIES FUEL QUANTITY SET ON TANKS 2,3 VERTICAL STRAIGHT SCALES 2 SELECTED FUEL QUANTITY DISPLAYED WHEN PUSHBUTTON IS HELD IN 3 ACTUAL FUEL QUANTITY DISPLAYED WHEN PUSHBUTTON IS OUT 4 PUSHBUTTON SWITCH				4 23	
U070501	TK 1 THUMBWHEEL							
U07050102	TK1 MOVING POINTER							
U070502	TK 4 THUMBWHEEL							
U07050202	TK4 MOVING POINTER							
U070503	TK 2 THUMBWHEEL							
U07050302	TK2 MOVING POINTER							
U070504	TK 3 THUMBWHEEL							
U07050402	TK3 MOVING POINTER							
U0706	POWER ON LEGEND LIGHT							
U070601	DIGITAL COUNTERS	1 2 3 4 5 6	1 TWO DIGITAL COUNTERS, DISPLAY TO THE NEAREST HUNDRED POUNDS FUEL 2 QUANTITY FOR THE FOLLOWING CONDITIONS: 3 QUANTITY OF FUEL SELECTED TO BE PUMPED INTO TANKS 1,2,3,4; 4 QUANTITY OF FUEL IN EACH TANK (STATIC OR DYNAMIC READOUT DURING 5 REFUELING, DEFUELING; 6 TOTAL QUANTITY OF FUEL ONBOARD A-V.				3 12 123456	1 23456
U070602	FILL V FAIL LEGEND LIGHT	1 2 3 4	1 INDICATES WHEN FILL VALVE FAILS TO CLOSE 2 LEGEND READABLE ONLY WHEN ILLUMINATED(RED) 3 FAILED FILL VALVE CAN BE ISOLATED BY REFERRING TO CITS PRINTER 4 LEGEND LIGHT-FLASHES RED				24	2
U070603	TANK SELECT ROTARY CONTROL	1	1 6 POS ROTARY CONTROL				1	
U070604	FILL CONTROL SET TEST PSMBTN							
U0707	LEVEL CONTROL VALVES	1 2 3 4 5 6	1 SWITCHES PROVIDED FOR TANKS 1,2,3,4, MG AND ST BAY 2 AUTO POSITION USED FOR AUTOMATIC REFUELING 3 OPEN, CLOSE POSITIONS PROVIDE MANUAL OPEN, CLOSE OF FILL VALVES 4 POSITION TOGGLE SWITCH 5 FOR TK1, TK4, TK2, TK3, MG, ST BAY 6 POSITION TOGGLE SWITCH FOR MAIN				5 1 146	23
W0101	SEQUENCE POINT READOUT	1 2 3 4 5 6	1 5-SEGMENT ALPHA-NUMERIC DIGITAL READOUT 2 CHARACTERS CODED YELLOW-WHITE 3 PT SEGMENT DISPLAYS ALPHA CHARACTER WHICH INDICATES SPECIFIC TYPE DF 4 SEQUENCE POINT: D-DESTINATION, T-TARGET 5 SEQ SEGMENTS DISPLAYS 3-DIGIT NUMBER WITH DASH ADDENDUM NUMBER WHICH 6 IDENTIFIES SEQUENCE POINT				1	23456
W010101	POINT READOUT	1 2 3 4 5 6	1 5-SEGMENT ALPHA-NUMERIC DIGITAL READOUT 2 CHARACTERS CODED YELLOW-WHITE 3 PT SEGMENT DISPLAYS ALPHA CHARACTER WHICH INDICATES SPECIFIC TYPE DF 4 SEQUENCE POINT: D-DESTINATION, T-TARGET 5 SEQ SEGMENTS DISPLAYS 3-DIGIT NUMBER WITH DASH ADDENDUM NUMBER WHICH 6 IDENTIFIES SEQUENCE POINT				1	23456

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W010102	SEQUENCE READOUT	1 3456 2 5-SEGMENT ALPHA-NUMERIC DIGITAL READOUT 3 CHARACTERS CODED YELLOW-WHITE 4 PT SEGMENT DISPLAYS ALPHA CHARACTER WHICH INDICATES SPECIFIC TYPE OF 5 SEQUENCE POINT: D-DESTINATION, T-TARGET 6 SEQ SEGMENTS DISPLAYS 3-DIGIT NUMBER WITH DASH ADDENDUM NUMBER WHICH IDENTIFIES SEQUENCE POINT				1	23456
W0102	TIME-TO-GO READOUT	1 2 2 5-SEGMENT NUMERIC READOUT, DIGITAL 3 DISPLAYS TIME-TO-GO IN HOURS, MINUTES, SECONDS TO SEQUENCE POINT 4 NUMERIC CHARACTERS APPEAR YELLOW-WHITE IN COLOR				13	23
W0103 W010301	SAFE-INRANGE-STORES AWAY IND SAFE INDICATOR	1 123456 2 ILLUMINATES WHEN AIR VEHICLE POSITION IS WITHIN MAXIMUM RANGE FOR 3 SELECTED MISSILE TRAJECTORY, FOR EXISTING CONDITIONS: MISSILE TARGET 4 OUTSIDE MINIMUM RANGE FOR SELECTED TRAJECTORY, AIR VEHICLE RELEASE 5 CONDITIONS PREVENT VEHICLE-MISSILE CLOBBER, AND VEHICLE AT PROPER 6 ALTITUDE ABOVE TERRAIN TO PREVENT MISSILE-GROUND CLOBBER 7 'SAFE' INDICATOR FLASHES AT 4-SEC RATE WHEN CONDITIONS ARE NOT MET, GREEN INDICATOR LIGHT				7	123456
W010302	INRANGE INDICATOR	1 12 2 ILLUMINATES WHEN AIR VEHICLE POSITION IS WITHIN RANGE FOR SELECTED 3 MISSILE TRAJECTORY 4 LEGEND COLOR CODED GREEN, NOT READABLE WHEN NOT ENERGIZED 5 INDICATOR LIGHT				34	12
W010303	STORES AWAY INDICATOR	1 1245 2 ILLUMINATES WHEN SELECTED STORE HAS SEPARATED FROM STORES CARRIAGE 3 RACK, REMAINS ON FOR 5 SEC AFTER 'AWAY' SIGNAL RECEIVED 4 LEGEND COLOR-CODED GREEN, NOT READABLE WHEN NOT ENERGIZED 5 IF MULTIPLE RELEASE IS SCHEDULED, INDICATOR ILLUMINATES WITH RELEASE OF 6 FIRST STORE, FLASHES AT 4-SEC RATE UNTIL MULTIPLE RELEASE IS COMPLETE 7 INDICATOR LIGHT				36	12
W0104	TYPE STORE INDICATOR	1 234 2 MULTI-LEGEND ELECTROMECHANICAL TYPE DISPLAY 3 INDICATES TYPE OF STORE PROGRAMMED FOR NEXT RELEASE 4 WHEN A STORE HAS BEEN RELEASED, NEXT TYPE STORE TO BE RELEASED WILL BE 5 IDENTIFIED 6 EDGE LIGHTED SOLENOID FLAG				156	2346
W0105	NUCLEAR CONSENT SWITCH	1 124567 2 LEGEND DISPLAYED AS WHITE CHARACTERS ON BLACK BACKGROUND 3 PROVIDES NECESSARY QUALITY OF NUCLEAR STORES CONTROL FOR 2-MAN 4 OPERATION FOR BOTH ARMED, UNARMED RELEASES 5 NORM POSITION IS OFF 6 TO RELEASE NUCLEAR STORE IN PRE-ARMED CONDITION, NUCLEAR SWITCH MUST BE 7 POSITIONED TO PA-REL 8 TO RELEASE STORE IN UNARMED CONDITION, NUCLEAR SWITCH MUST BE 9 POSITIONED TO REL 10 3 POSITION TOGGLE SWITCH				8	34567
W01060X	BAY LOCATION INDICATORS	1 12 2 ILLUMINATE WHEN A STORE IS SCHEDULED FOR RELEASE FROM ONE OF THREE 3 SPECIFIC BAY LOCATIONS 4 FWD-FORWARD, CTR-CENTER, AFT-AFT 5 LEGEND COLOR-CODED GREEN, NOT READABLE WHEN NOT ENERGIZED 6 INDICATOR LIGHT				45	1234

PAGE 186
C CODE

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W010601		1 2 3 4 5	BAY INDICATOR-FORWARD LIGHT			45	1234
W010602		1 2 3 4 5	BAY INDICATOR-INTMD LIGHT			45	1234
W010603		1 2 3 4 5	BAY INDICATOR-AFT LIGHT			45	1234
W0107		1 2 3 4 5	BAY DOOR STATUS INDICATORS			156	12345
W010701		1	FWD BAY DOOR STATUS IND				
W010702		2	INTMD BAY DOOR STATUS IND				
W010703		3	AFT BAY DOOR STATUS IND				
W0108		4	CLOSE DOORS CONTROL				
W0109		1 2 3 4	BRIGHTNESS CONTROL-P STORES			1	234
W0201		1 2 3 4 5 6 7	GROUND JETTISON-ALL STORES			7	234
W0202		1 2 3 4 5 6 7	AIRBORNE JETTISON-EXTNL STORES			7	234

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W0203	AIRBORNE JETTISON-ALL STORES	1 2 3 4 5 6 7 8 9	178 OPERATED PRIMARILY BY COPILOT GUARDED IN NORM POSITION BY RED COVER GUARD ENABLES JETTISON OF ALL INTERNALLY AND EXTERNALLY CARRIED STORES WHILE AIRBORNE WHEN SWITCH IS IN ALL POSITION DURING JETTISON OPERATION, APPROPRIATE STORES BAYS DOORS ARE OPENED AUTOMATICALLY YELLOW STRIPING AROUND SWITCH TO ACCENTUATE LOCATION, IMPORTANCE OF SWITCH 2 POSITION TOGGLE SWITCH			9	23456
W0301	OPERATE; MONITOR SWITCH	1 2 3	12 INITIATES CSSC OPERATION CYCLE IN OPERATE POSITION MONITORS ENABLED OR DISABLED STATUS OF CSS SYSTEM 3 POSITION TOGGLE SWITCH		3		12
W0302	CODE INDICATOR	1 2 3 4	123 FLASHING LEGEND INDICATES CSSC IS OPERATING, STEADY LEGEND AT END OF OPERATING CYCLE INDICATES CSSC HAS TRANSMITTED A VALID ENABLE OR SUM CHECK CODE COLOR-CODED AVIATION GREEN- INDICATOR LIGHT		4		1234
W03030X	ENABLE: DISABLE INDICATORS	1 2 3 4	1234567 INDICATE ENABLED OR DISABLED STATUS OF CSS SYSTEM AND PROPER CONNECTION OF INTERCONNECTING CABLE AT END OF CSSC CYCLE, STEADY ILLUMINATION OF CODE AND DISEN LIGHTS INDICATE TRANSMITTAL OF VALID SUM CHECK CODE STEADY ILLUMINATION OF CODE AND ENABLE LIGHTS INDICATE TRANSMITTAL OF ONE OF SIX CORRECT STORED ENABLING CODES NO LIGHT INDICATES TRANSMITTAL OF WRONG CODE ENABLE LIGHT COLOR-CODED AVIATION GREEN-CIRCULAR INDICATOR LIGHT DISEN LIGHT COLOR-CODED AVIATION YELLOW- CIRCULAR INDICATOR LIGHT		89		1234567
W030301	DISENABLE INDICATOR	1 2 3 4 5 6 7 8 9	1234567 INDICATE ENABLED OR DISABLED STATUS OF CSS SYSTEM AND PROPER CONNECTION OF INTERCONNECTING CABLE AT END OF CSSC CYCLE, STEADY ILLUMINATION OF CODE AND DISEN LIGHTS INDICATE TRANSMITTAL OF VALID SUM CHECK CODE STEADY ILLUMINATION OF CODE AND ENABLE LIGHTS INDICATE TRANSMITTAL OF ONE OF SIX CORRECT STORED ENABLING CODES NO LIGHT INDICATES TRANSMITTAL OF WRONG CODE ENABLE LIGHT COLOR-CODED AVIATION GREEN-CIRCULAR INDICATOR LIGHT DISEN LIGHT COLOR-CODED AVIATION YELLOW- CIRCULAR INDICATOR LIGHT		89		1234567
W030302	ENABLE INDICATOR	1 2 3 4 5 6 7 8 9	1234567 INDICATE ENABLED OR DISABLED STATUS OF CSS SYSTEM AND PROPER CONNECTION OF INTERCONNECTING CABLE AT END OF CSSC CYCLE, STEADY ILLUMINATION OF CODE AND DISEN LIGHTS INDICATE TRANSMITTAL OF VALID SUM CHECK CODE STEADY ILLUMINATION OF CODE AND ENABLE LIGHTS INDICATE TRANSMITTAL OF ONE OF SIX CORRECT STORED ENABLING CODES NO LIGHT INDICATES TRANSMITTAL OF WRONG CODE ENABLE LIGHT COLOR-CODED AVIATION GREEN-CIRCULAR INDICATOR LIGHT DISEN LIGHT COLOR-CODED AVIATION YELLOW- CIRCULAR INDICATOR LIGHT		89		1234567
W0304	THUMBWHEEL SWITCH ASSEMBLY	1 2 3 4	123 PERMITS SELECTION, READOUT OF 6-LETTERED CODE PROVIDES MEANS TO SET CODES INTO CSS, MECHANICALLY CONTROLS PRE-ARMING OF NUCLEAR STORES CARRIED BY VEHICLE ROTARY SWITCH		4		1

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W0305	1 2 3	12 ENABLES ILLUMINATION OF CODE, ENABLE, DISEN LIGHTS WHEN PUSHED FOR BULB FILAMENT CHECKING PURPOSES PUSHBUTTON SWITCH 123567				3	
W040101	1 2 3 4 5 6 7	1 ILLUMINATES WHEN DOORS TO FWD ST BAY OPEN INADVERTENTLY (SYSTEM FAILURE) OR FAIL TO CLOSE WHEN COMMANDED TO DO SO WORKS IN CONJUNCTION WITH MASTER CAUTION SWITCHLIGHTS CAUTION LIGHT LIGHTS GO OUT WHEN SITUATION IS CORRECTED LEGENDS ARE ILLUMINATED CHARACTERS ON OPAQUE BACKGROUND, COLOR-CODED AVIATION YELLOW 125				467 678	
W040102	1 2 3 4 5 6 7 8	1 ILLUMINATES WHEN DOORS TO INTMO ST BAY OPEN INADVERTENTLY (SYSTEM FAILURE) OR FAIL TO CLOSE WHEN COMMANDED TO DO SO LIGHTS FLASH INITIALLY, UNTIL ONE OF THE MASTER CAUTION SWITCHLIGHTS IS ACTUATED - THEN LIGHT IS STEADY LIGHTS GO OUT WHEN SITUATION IS CORRECTED LEGENDS ARE ILLUMINATED CHARACTERS ON OPAQUE BACKGROUND, COLOR-CODED AVIATION YELLOW CAUTION LIGHT 12345				678	1234567
W040103	1 2 3 4 5 6 7 8	1 ILLUMINATES WHEN DOORS TO AFT BAY OPEN INADVERTENTLY (SYSTEM FAILURE) OR FAIL TO CLOSE WHEN COMMANDED TO DO SO LIGHTS FLASH INITIALLY UNTIL ONE OF THE MASTER CAUTION SWITCHLIGHTS IS ACTUATED - THEN LIGHT IS STEADY LIGHTS GO OUT WHEN SITUATION IS CORRECTED LEGENDS ARE ILLUMINATED CHARACTERS ON OPAQUE BACKGROUND, COLOR-CODED AVIATION YELLOW CAUTION LIGHT 12345				678	
W040104	1 2 3 4 5 6 7 8	1 ILLUMINATES WHEN THERE IS NUCLEAR CONSENT DISAGREEMENT AND NUCLEAR PRE-ARM FAULT LIGHT FLASHES INITIALLY UNTIL ONE OF THE MASTER CAUTION SWITCHLIGHTS IS ACTUATED - THEN LIGHT IS STEADY LIGHT GOES OUT WHEN SITUATION IS CORRECTED LEGEND IS ILLUMINATED CHARACTERS ON OPAQUE BACKGROUND, COLOR-CODED AVIATION YELLOW CAUTION LIGHT 123456				678	
W040105	1 2 3 4 5 6 7 8	1 ILLUMINATES WHEN THERE IS A RESTRICTION FOR RELEASE OF A STORE AS A RESULT OF INCOMPATIBILITY BETWEEN AIR VEHICLE ATTITUDE, AIRSPEED, OR ALTITUDE AND STORES RELEASE REQUIREMENTS LIGHT FLASHES INITIALLY UNTIL ONE OF THE MASTER CAUTION SWITCHLIGHTS IS ACTUATED - THEN LIGHT IS STEADY LIGHT GOES OUT WHEN SITUATION IS CORRECTED LEGEND IS ILLUMINATED CHARACTERS ON OPAQUE BACKGROUND, COLOR-CODED AVIATION YELLOW CAUTION LIGHT 12				789	
W05	1 2 3	1 PROVIDES OPERATOR THE MEANS TO PERFORM SYSTEM STORES MANAGEMENT FUNCTIONS UNIT				3	

STORES MANAGEMENT PANEL

DELIVERY RESTRICTION LIGHT

NUCLEAR INDICATOR

AFT BAY OPEN LIGHT

INTMO ST BAY OPEN LIGHT

FWD ST BAY OPEN LIGHT

LAMP TEST SWITCH-CODED SW

NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SVN	*TYPE	*VALUES
W050101	1 2 3	1 2 3	23	RED-GUARDED TOGGLE SWITCH PROVIDES ONE PART OF THE TWO MAN REQUIREMENTS TO ENABLE UNLOCKING THE NUCLEAR WEAPON RACKS	1	1	23
W050102	1 2 3	1 2 3	23	RED-GUARDED TOGGLE SWITCH IN CONJUNCTION WITH PREARM AND RELEASE SWITCH IN FRONT STATION, PROVIDE 2-MAN CONTROL REQUIREMENT FOR PREARMING OF NUCLEAR STORES	1	1	
W050103	1 2 3 4 5	1 2 3 4 5	2345	TOGGLE SWITCH, LOCKED IN CENTER POSITION. PROVIDES CAPABILITY FOR MANUAL SAFING AND PREARMING OF A SELECTED STORE OR COMBINATION OF STORES. GRAVITY STORES CAN BE PRE-ARMED OR SAFOED INDIVIDUALLY, IN COMBINATION, OR ALL AT ONCE.	1	1	
W0502	1 2	1 2	2	RED-GUARDED TOGGLE SWITCH ENABLES ARMING OF CONVENTIONAL WEAPONS	1	1	2
W050201	1	1	1	SAME AS W0502 (AMBIGUITY)			
W0503	1 2 3 4 5 6 7	1 2 3 4 5 6 7	123456	PROVIDES THE MEANS BY WHICH THE CRT IS SELECTED WHEN EITHER SMY, PRGM, INV, STAT OR FAULT IN THE DATA GROUP HAS BEEN SELECTED, CHOICE OF A DIS SWITCH DEACTIVATES DATA SWITCH, RESULTS IN THE ASSOCIATED FORMAT BEING DISPLAYED A PARTICULAR DISPLAY CAN BE 'BLANKED' BY SELECTING THE APPROPRIATE DIS SWITCH WHEN A DATA SWITCH HAS NOT BEEN SELECTED	7	7	23456
W050301	1 2	1 2	1	SELECTS L CRT PUSHBUTTON SWITCH	2	2	
W050302	1 2	1 2	1	SELECTS R DIS CRT PUSHBUTTON SWITCH	2	2	
W050303	1 2	1 2	1	SELECTS MFD PUSHBUTTON SWITCH	2	2	
W050304	1 2	1 2	1	SELECT KYBD DIS PUSHBUTTON SWITCH	2	2	
W05040X	1 2 3 4 5	1 2 3 4 5	1	SWITCHES THAT PROVIDE THE OPERATOR WITH FIVE BASIC DATA DISPLAY MODES THESE SWITCHES ARE MUTUALLY EXCLUSIVE AND ARE ACTIVATED ON A 'LAST SELECTED' PRIORITY BASIS - DEACTIVATED BY SELECTION OF A DIS LOCATION W5-3.	5	5	1234
W050401	1 2 3 4 5	1 2 3 4 5	1	SWITCHES THAT PROVIDE THE OPERATOR WITH FIVE BASIC DATA DISPLAY MODES THESE SWITCHES ARE MUTUALLY EXCLUSIVE AND ARE ACTIVATED ON A 'LAST SELECTED' PRIORITY BASIS - DEACTIVATED BY SELECTION OF A DIS LOCATION W5-3.	5	5	1234

NAME	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W050402	PRGM DATA CONTROL SWITCH				5	1234
	1	SWITCHES THAT PROVIDE THE OPERATOR WITH FIVE BASIC DATA DISPLAY MODES				
	2	THESE SWITCHES ARE MUTUALLY EXCLUSIVE AND ARE ACTIVATED ON A 'LAST				
	3	SELECTED' PRIORITY BASIS - DEACTIVATED BY SELECTION OF A DIS LOCATION				
	4	W5-3.				
	5	5 PUSHBUTTON SWITCHES				
W050403	FAULT DATA CONTROL SWITCH				5	1234
	1	SWITCHES THAT PROVIDE THE OPERATOR WITH FIVE BASIC DATA DISPLAY MODES				
	2	THESE SWITCHES ARE MUTUALLY EXCLUSIVE AND ARE ACTIVATED ON A 'LAST				
	3	SELECTED' PRIORITY BASIS - DEACTIVATED BY SELECTION OF A DIS LOCATION				
	4	W5-3.				
	5	5 PUSHBUTTON SWITCHES				
W050404	STAT DATA CONTROL SWITCH				5	1234
	1	SWITCHES THAT PROVIDE THE OPERATOR WITH FIVE BASIC DATA DISPLAY MODES				
	2	THESE SWITCHES ARE MUTUALLY EXCLUSIVE AND ARE ACTIVATED ON A 'LAST				
	3	SELECTED' PRIORITY BASIS - DEACTIVATED BY SELECTION OF A DIS LOCATION				
	4	W5-3.				
	5	5 PUSHBUTTON SWITCHES				
W050405	INV DATA CONTROL SWITCH				5	1234
	1	SWITCHES THAT PROVIDE THE OPERATOR WITH FIVE BASIC DATA DISPLAY MODES				
	2	THESE SWITCHES ARE MUTUALLY EXCLUSIVE AND ARE ACTIVATED ON A 'LAST				
	3	SELECTED' PRIORITY BASIS - DEACTIVATED BY SELECTION OF A DIS LOCATION				
	4	W5-3.				
	5	5 PUSHBUTTON SWITCHES				
W0505	PROGRAM RESET CONTROL				3	
	1	RESETS DISPLAYED DATA TO THE CURRENT AND NEXT RELEASE PROGRAM AFTER				
	2	USE OF W5-6.				
	3	PUSHBUTTON SWITCH				
W0506	FORWARD/REVERSE SWITCH				3	
	1	PROVIDES OPERATOR THE CAPABILITY TO LOOK FORWARD OR BACK ON WEAPON				
	2	DELIVERY PROGRAMS WHEN PRGM OR SMV MODES ARE SELECTED				
	3	3 POSITION SWITCH				
W0507	LOCATION SELECT				3	
	1	ENABLES OPERATOR TO DISPLAY SELECTED WEAPON LOCATIONS AND DATA AS				
	2	DETERMINED BY DATA DISPLAY SELECTORS				
	3	SWITCHES ARE MUTUALLY EXCLUSIVE (PUSHBUTTONS)				
W050801	PROGRAM ENABLE SWITCH				3	
	1	PROVIDES CAPABILITY TO ENABLE AN OUT OF SEQUENCE PROGRAM				
	2	ENABLES STRIKE MISSION WEAPON DELIVERY PROGRAMS				
	3	PUSHBUTTON SWITCH				
W050802	PROGRAM DISABLE SWITCH				3	
	1	PROVIDES CAPABILITY TO DISABLE SELECTED SMNDP AFTER ACTIVATED				
	2	OR PRIOR TO ACTIVATION				
	3	PUSHBUTTON SWITCH				
W0509	STATION NUMERIC KEYBOARD				1	
	1	234567				
	2	EIGHT NUMERIC KEYS AND AN ALL KEY				
	3	NUMERIC KEYS ENABLE OPERATOR TO SELECT A SPECIFIC WEAPON STATION WHEN				
	4	STATUS DISPLAY MODE IS SELECTED				
	5	ALL SELECTOR ENABLES ALL STORES TO BE INITIALIZED WHEN SELECTED IN				
	6	CONJUNCTION WITH ACTIVATION OF ST PWR SWITCH W5-13. CAN ALSO BE USED				
	7	WITH LOCATION SELECT CONTROLS TO INITIALIZE OR REMOVE POWER FROM				
		STORES BY BAY OR PYLON LOCATION				

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W0510	BAY DOOR CONTROL	1 2 3 4 5 6 7	123456 2 CONTROLS FOR EACH BAY, PROVIDING PART AND FULL OPEN POSITIONS DOORS ARE OPENED BY DEPRESSING SWITCH AND CLOSED BY DEPRESSING SWITCH A SECOND TIME WHEN FULL, PARTIAL OPEN OR DOOR CLOSE POSITION IS SELECTED, PUSHBUTTON SWITCH FLASHES AT RATE OF 4 TIMES A SECOND UNTIL DOOR REACHES THE SELECTED POSITION - COLORED GREEN PUSHBUTTON SWITCHES - 2 FOR EACH DOOR-WITH GREEN LEGEND SYMBOL				7	123456
W051001	FWD BAY DOOR CONTROL	1 2 3	23 2 PUSHBUTTON SWITCHLIGHTS DOORS ARE OPENED BY DEPRESSING SWITCH, CLOSED BY DEPRESSING A SECOND TIME.				1	
W051002	INTMO BAY DOOR CONTROL						2	
W051003	AFT BAY DOOR CONTROL						7	3456
W0511	FAULT OVERRIDE SWITCH							
W0512	LAUNCHER ROTATE SWITCH	1 2	1 A SWITCH, CLEARS FAULT READOUT ON CRT DISPLAY WHEN DEPRESSED PUSHBUTTON SWITCH					
		1 2 3 4 5 6 7	123456 PUSHBUTTON SWITCH, ALLOWS OPERATOR TO ROTATE A SELECTED WEAPON TO THE RELEASE POSITION. OPERATOR SELECTS THE LOCATION, USES NUMERIC KEYBOARD TO SELECT SPECIFIC STORE LOCATION WHEN ROTATE SWITCH IS DEPRESSED, LAUNCHER ROTATES WEAPON INTO RELEASE POSITION PUSHBUTTON SWITCH					
W0513	STORE POWER SWITCH	1 2 3 4 5 6 7 8	1234567 APPLIES POWER TO NUCLEAR WEAPONS IN ON MODE, APPLIES POWER TO STATION SELECTED BY W5-7, W5-9 SELECTING LOCATION AND STATION AS ABOVE AND THIS SWITCH IN OFF POSITION REMOVES POWER FROM PARTICULAR STORE DEPRESSING 'ALL' SWITCH ON NUMERIC KEYBOARD AND THIS SWITCH TO ON, STARTS INITIALIZATION OF ALL MISSILES, APPLIES MONITORING POWER TO ALL NUCLEAR GRAVITY STORES 3 POS TOGGLE SWITCH				8	234567
W0514	JETTISON SWITCHES	1 23	2 GUARDED TOGGLE SWITCHES: SEL-NORM-W051401				1	
W051401	SEL-NORM SWITCH	1 2 3	23 GUARDED TOGGLE SWITCH (YELLOW-BLACK CROSSHATCH IDENTIFICATION) WHEN VALUE=SEL, SELECTIVE JETTISON OF SINGLE STORE OR GROUP OF STORES IS ACCOMPLISHED				1	
W051402	ALL-NORM SWITCH	1 2 3	23 GUARDED TOGGLE SWITCH (YELLOW-BLACK CROSSHATCH) WHEN VALUE=ALL STORES ARE RELEASED IN A SAFE CONDITION BAY DOORS WILL NOT CLOSE AUTOMATICALLY AFTER LAST STORE RELEASE				1	
W06	SMS CRT READOUT ASSEMBLY-LEFT	1 2 3 4	123 LOCATED AT OSO'S STATION FOR THE PURPOSE OF DISPLAYING ALPHANUMERIC INFORMATION SMS CRT READOUT ASSEMBLY IS THE SAME AS IKB CRT READOUT ASSEMBLY-E7-2 CRT DISPLAY-UNIT				4	
W07	SMS CRT READOUT ASSEMBLY-RIGHT	1 2 3	12 PROVIDED AT OSO'S STATION FOR DISPLAYING ALPHANUMERIC INFORMATION SMS CRT READOUT ASSEMBLY IS THE SAME AS IKB CRT READOUT ASSEMBLY- E7-2 CRT DISPLAY-UNIT				3	

NAME	*CDRR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W0702		1 2		SAME AS W0702 DISPLAY SURFACE		2	
W070201		1 2		DISPLAYS ALPHANUMERIC INFORMATION UNIT		2	
W070202		1 2 3		ROTARY CONTROL PROVIDES MEANS TO VARY THE WHITE CHARACTERS FROM BLACK (ZERO) TO FULL BRIGHTNESS		1	
W070203		1 2 3		PUSHBUTTON SWITCH PROVIDES MEANS TO RESET READOUT ASSEMBLY FOLLOWING AUTOMATIC TURN-OFF OF ELECTRICAL POWER.		1	
W08		1 2		PROVIDES THE OPERATOR THE MEANS TO CONTROL DELIVERY OF STORES. UNIT		2	
W0801		1 2 3 4 5 6		LIGHTED PUSHBUTTON SWITCH EITHER TOP OR BOTTOM HALF OF SWITCH IS ILLUMINATED TO SHOW IF MISSILE RELEASE IS IN AUTO OR MANUAL MODE DEPRESSING THIS PUSHBUTTON WILL CHANGE MODES 'AUTO' SEGMENT ILLUMINATES AT ACU POWER TURN ON		1	235
W0802	45	1 2 3 4 5 6		ILLUMINATES (AMBER) WHEN PILOT'S AND OSO'S NUCLEAR PREARM ENABLE AND RACK UNLOCK CONTROL SWITCH POSITIONS DO NOT AGREE, OR WHEN THERE IS A NUCLEAR PREARM FAULT NUCLEAR PREARM FAULT IS CLEARED FROM DISPLAY BY DEPRESSING THIS SWITCH AT TIME LEGEND IS OFF. SWITCHLIGHT		6	
W080301		1 2 3 4 5 6		LIGHTED PUSHBUTTON SWITCH-WHEN ILLUMINATED, SWITCH IS ACTIVATED, GRAVITY BOMB IMPACT POINT CALCULATIONS AND BOMB STEERING ARE TO THE RADAR X-HAIR POSITION. THIS MODE IS SELECTED BY DEPRESSING THIS SWITCH OR BY THE ACU (AUTOMATICALLY). DEPRESSING SWITCH A SECOND TIME DEACTIVATES BOMB MODE. LIGHTED PUSHBUTTON SWITCH		6	12345
W080302		1 2 3 4 5		LIGHTED PUSHBUTTON SWITCH EITHER TOP OR BOTTOM HALF OF SWITCH IS ILLUMINATED TO SHOW WHETHER THE GRAVITY WEAPON RELEASE IS IN AUTO OR MANUAL MODE DEPRESSING THIS PUSHBUTTON CHANGES MODES 'AUTO' ILLUMINATES AT ACU POWER TURN ON		1	12345
W0804		1 2 3 4 5 6 7		WHEN ACTIVATED, STARTS FINAL FIVE SECOND COUNTDOWN OF MISSILE. RELEASE OCCURS AT COUNTDOWN COMPLETION. ACTIVATION OCCURS WHEN REQUIRED CONSENT SIGNALS ARE PRESENT, SAFE AND IN RANGE ANNUNCIATORS ARE ILLUMINATED, AND MISSILE IN PROPER ALIGNMENT. WHEN DEPRESSING, RELEASE SIGNAL IS SENT, REL SIG ANNUNCIATOR ILLUMINATES AFTER RELEASE, SYSTEM SEQUENCES TO NEXT PLANNED EVENT PUSHBUTTON SWITCH		7	1256

PAGE 193
CODE

	NAME	*CORR-ACTION	*FUNCTION	*LOCATION	*NAME	*SYN	*TYPE	*VALUES
W0805	BOMB MANUAL RELEASE	1 2 3 4 5 6	12345 PUSHBUTTON SWITCH, ENABLES OPERATOR TO RELEASE ANY GRAVITY STORE IF REQUIRED CONSENT SIGNALS ARE MET, WEAPON IS PROGRAMMED FOR RELEASE, AND IN THE RELEASE POSITION. WHEN DEPRESSED, REL SIG ANNUNCIATOR ILLUMINATES, AFTER RELEASE, SYSTEM SEQUENCES TO NEXT PLANNED EVENT PUSHBUTTON SWITCH				6	
W0806	ANNUNCIATOR INDICATOR-STORES	1 2 3 4 5 6 7 8 9	123456789 SAFE INDICATOR ILLUMINATES (GREEN) IF MISSILE TARGET IS IN MAX RANGE AND OUTSIDE MIN RANGE FOR SELECTED TRAJECTORY IN RNG ILLUMINATES (GREEN) IF MISSILE TARGET IN MISSILE RANGE RSTR ILLUMINATES (AMBER) WHEN RELEASE IS SCHEDULED, AND WEAPON IS NOT COMPATIBLE WITH RELEASE REQUIREMENTS OF WEAPON FAULT ILLUMINATES WHEN MISSILE OR GRAVITY WEAPON FAULTS REL SIG ILLUMINATES (GREEN) WHEN REL SIG IS SENT FROM ACU TO STORE RACK AWAY ILLUMINATES (GREEN) WHEN WEAPON RELEASES AND SEPARATES FROM RACK BDA REQ ILLUMINATES (GREEN) WHEN BOMB DAMAGE ASSESSMENT IS REQUIRED				123456789	123456789
W080601	SAFE ANNUNCIATOR	1 2 3	23 GREEN ADVISORY INDICATOR ILLUMINATES WHENEVER A MISSILE TARGET IS WITHIN MAXIMUM RANGE AND OUTSIDE THE MINIMUM RANGE FOR SELECTED TRAJECTORY				1	
W080602	IN RNG ANNUNCIATOR	1 2 3	23 GREEN ADVISORY INDICATOR ILLUMINATES WHENEVER A MISSILE TARGET IS WITHIN MISSILE RANGE DEACTIVATES AFTER RELEASE OR IF MISSILE RANGE IS EXCEEDED				1	
W080603	DELIVERY RESTRICTION INDICATOR	1 2 3 4 5	2345 AMBER CAUTION INDICATOR ILLUMINATES WHEN A DELIVERY RESTRICTION EXISTS TO PREVENT A SCHEDULED RELEASE DEACTIVATES WHEN A-V SITUATION IS CORRECTED FOR WEAPON COMPATIBILITY				1	
W080604	FAULT ANNUNCIATOR	1 2 3 4	234 AMBER CAUTION INDICATOR ILLUMINATES WHENEVER MISSILE OR GRAVITY WEAPON FAULTS DESCRIPTION OF FAULT IS AUTOMATICALLY DISPLAYED ON LINE NINE OF ANY CRT DISPLAY PRESENTING SMS FORMAT				1	
W080605	RELEASE SIGNAL ANNUNCIATOR	1 2 3 4	234 GREEN ADVISORY INDICATOR ILLUMINATES WHENEVER SCHEDULED RELEASE SIGNAL IS SENT FROM ACU TO STORE RACK. REMAINS LIT FOR FIVE SECONDS PULSES FOUR TIMES PER SECOND TO INDICATE MULTIPLE RELEASE				1	
W080606	AWAY ANNUNCIATOR	1 2 3 4 5	2345 GREEN ADVISORY INDICATOR ILLUMINATES WHEN SCHEDULED WEAPON IS RELEASED AND PHYSICALLY SEPARATED FROM WEAPON CARRIAGE RACK. REMAINS LIT FOR 5 SECONDS, FLASHES TO INDICATE MULTIPLE RELEASES				1	
W080607	BDA REQ ANNUNCIATOR	1 2 3	23 GREEN ADVISORY LIGHT ILLUMINATES WHENEVER BOMB DAMAGE ASSESSMENT IS REQUIRED FLASHES FOR 5 SECONDS THEN GOES STEADY				1	
W0807	ST DLVY CAUTION LIGHT							

REPORT 4

Action Verb Thesaurus

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 * ACTION VERB THESAURUS *
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VERB	STANDARD FORM	VERB	STANDARD FORM
ABANDON	ABANDON	COMPARES	COMPARE
ABANDONS	ABANDON	COMPLETE	COMPLETE
ACTIVATE	ACTIVATE	COMPLETES	COMPLETE
ACTIVATES	ACTIVATE	CONNECT	CONNECT
ADJUST	ADJUST	CONNECTS	CONNECT
ADJUSTS	ADJUST	COORDINATE	COORDINATE
ADVANCE	ADJUST	COORDINATES	COORDINATE
ADVANCES	ADJUST	COUNT	COUNT
AGREE	AGREE	COUNTS	COUNT
AGREES	AGREE	COVER	COVER
AJUST	ADJUST	COVERS	COVER
ALERT	ALERT	DEACTIVATE	DEACTIVATE
ALERTS	ALERT	DEACTIVATES	DEACTIVATE
ALIGN	ALIGN	DECODE	DECODE
ALIGNS	ALIGN	DECODES	DECODE
APPLIES	APPLY	DELAY	DELAY
APPLY	APPLY	DELAYS	DELAY
ASSEMBLE	ASSEMBLE	DEPRESS	DEPRESS
ASSEMBLES	ASSEMBLE	DEPRESSES	DEPRESS
ATTACH	ATTACH	DETERMINE	DETERMINE
ATTACHES	ATTACH	DETERMINES	DETERMINE
ATTAIN	ATTAIN	DISASSEMBLE	DISASSEMBLE
ATTAINS	ATTAIN	DISASSEMBLES	DISASSEMBLE
ATTEMPT	ATTEMPT	DISCONNECT	DISCONNECT
ATTEMPTS	ATTEMPT	DISCONNECTS	DISCONNECT
CALCULATE	CALCULATE	DISENGAGE	DISENGAGE
CALCULATES	CALCULATE	DISENGAGES	DISENGAGE
CALIBRATE	CALIBRATE	EJECT	EJECT
CALIBRATES	CALIBRATE	EJECTS	EJECT
CHANGE	CHANGE	ENABLE	ENABLE
CHANGES	CHANGE	ENABLES	ENABLE
CHECK	CHECK	ENGAGE	ENGAGE
CHECKOUT	CHECKOUT	ENGAGES	ENGAGE
CHECKS	CHECK	ESTABLISH	ESTABLISH
CHECKS OUT	CHECKOUT	ESTABLISHES	ESTABLISH
CLIMB	CLIMB	EVALUATE	EVALUATE
CLIMBS	CLIMB	EVALUATES	EVALUATE
CLOSE	CLOSE	EXECUTE	EXECUTE
CLOSES	CLOSE	EXECUTLS	EXECUTE
CODE	CODE	EXTEND	EXTEND
CODES	CODE	EXTENDS	EXTEND
COMMUNICATE	COMMUNICATE	FLIES	FLY
COMMUNICATES	COMMUNICATE	FLY	FLY
COMPARE	COMPARE	FOLLOW	FOLLOW

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 * ACTION VERB THESAURUS *
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VERB	STANDARD FORM	VERB	STANDARD FORM
FOLLOWS	FOLLOW	OBSERVE	OBSERVE
GAIN	GAIN	OBSERVES	OBSERVE
GAINS	GAIN	OCCUPIES	OCCUPY
HOLD	HOLD	OCCUPY	OCCUPY
HOLDS	HOLD	OCCUPYS	OCCUPY
IDENTIFIES	IDENTIFY	OPEN	OPEN
IDENTIFY	IDENTIFY	OPENS	OPEN
ILLUMINATE	ILLUMINATE	OPERATE	OPERATE
ILLUMINATES	ILLUMINATE	OPERATES	OPERATE
INFORM	INFORM	ORDER	ORDER
INFORMS	INFORM	ORDERS	ORDER
INITIATE	INITIATE	PERFORM	PERFORM
INITIATES	INITIATE	PERFORMS	PERFORM
INPUT	INPUT	PERSIST	PERSIST
INPUTS	INPUT	PERSISTS	PERSIST
INSERT	INSERT	PLACE	PLACE
INSERTS	INSERT	PLACES	PLACE
INSPECT	INSPECT	PLUG	PLUG
INSPECTS	INSPECT	PLUGS	PLUG
INSTRUCT	INSTRUCT	POSITION	POSITION
INSTRUCTS	INSTRUCT	POSITIONS	POSITION
INSURE	INSURE	PREPARE	PREPARE
INSURES	INSURE	PREPARES	PREPARE
ISULATE	ISOLATE	PRESENT	PRESENT
ISOLATES	ISOLATE	PRESENTS	PRESENT
LAND	LAND	PROCEED	PROCEED
LANDS	LAND	PROCEEDS	PROCEED
LAUNCH	LAUNCH	PROVIDE	PROVIDE
LAUNCHES	LAUNCH	PROVIDES	PROVIDE
LISTEN	LISTEN	PULL	PULL
LISTENS	LISTEN	PULLS	PULL
LOAD	LOAD	PUSH	PUSH
LOADS	LOAD	PUSHES	PUSH
LOOSEN	LOOSEN	RAISE	RAISE
LOOSENS	LOOSEN	RAISES	RAISE
LOWER	LOWER	READ	READ
LOWERS	LOWER	READS	READ
MAINTAIN	MAINTAIN	RECEIVE	RECEIVE
MAINTAINS	MAINTAIN	RECEIVES	RECEIVE
MONITOR	MONITOR	RECIEVE	RECEIVE
MONITOR AUDITORY	MONITOR-AUDITORY	RECIEVES	RECEIVE
MONITOR VISUAL	MONITOR-VISUAL	RECORD	RECORD
MONITOR-AUDITORY	MONITOR-AUDITORY	RECORDS	RECORD
MONITOR-VISUAL	MONITOR-VISUAL	REFER	REFER
MONITORS	MONITOR	REFERS	REFER

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 * ACTION VERB THESAURUS *
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VERB	STANDARD FORM	VERB	STANDARD FORM
RELEASE	RELEASE	SETS UP	SETUP
RELEASES	RELEASE	SETUP	SETUP
RELOCATE	RELOCATE	SHUTDOWN	SHUTDOWN
RELOCATES	RELOCATE	STEER	STEER
REMAIN	REMAIN	STEERS	STEER
REMAINS	REMAIN	STOP	STOP
REMOVE	REMOVE	STOPS	STOP
REMOVES	REMOVE	TAKE	TAKE
REPAIR	REPAIR	TAKES	TAKE
REPAIRS	REPAIR	TAXI	TAXI
REPEAT	REPEAT	TAXIS	TAXI
REPEATS	REPEAT	TEST	TEST
REPLACE	REPLACE	TESTS	TEST
REPLACES	REPLACE	THROW	THROW
REPORT	REPORT	THROWS	THROW
REPORTS	REPORT	TIGHTEN	TIGHTEN
REQUEST	REQUEST	TIGHTENS	TIGHTEN
REQUESTS	REQUEST	TRACK	TRACK
RESPOND	RESPOND	TRACKS	TRACK
RESPONDS	RESPOND	TRANSFER	TRANSFER
RESUME	RESUME	TRANSFERS	TRANSFER
RESUMES	RESUME	TRANSMIT	TRANSMIT
RETRACT	RETRACT	TRANSMITS	TRANSMIT
RETRACTS	RETRACT	TROUBLESHOOT	TROUBLESHOOT
RETURN	RETURN	TROUBLESHOOTS	TROUBLESHOOT
RETURNS	RETURN	TUNE	TUNE
REVIEW	REVIEW	TUNES	TUNE
REVIEWS	REVIEW	USE	USE
ROTATE	ROTATE	USES	USE
ROTATES	ROTATE	VERIFIES	VERIFY
RUN	RUN	VERIFY	VERIFY
RUNS	RUN	VERIFYS	VERIFY
SECURE	SECURE	WAIT	WAIT
SECURES	SECURE	WAITS	WAIT
SELECT	SELECT	WALK	WALK
SELECTS	SELECT	WALKS	WALK
SET	SET	WIND	WIND
SETS	SET	WINDS	WIND

SUPPLEMENTARY

INFORMATION

(Report 1)

PAGE 40
CODE

NAME

SYNONYMS

PANEL

W0109	BRIGHTNESS CONTROL-P STORES	BRT	PIL
W0201	GROUND JETTISON-ALL STORES	GND-NORM:ALL	OHD
W0202	AIRBORNE JETTISON-EXTNL STORES	ABN-NORM:EXT	OHD
W0203	AIRBORNE JETTISON-ALL STORES	ABN-NORM:ALL	OHD
W0301	OPERATE; MONITOR SWITCH		PIL
W0302	CODE INDICATOR		PIL
W03030X	ENABLE: DISABLE INDICATORS	DISEN ENABLE ENABLE:DISEN	PIL
W030301	DISENABLE INDICATOR	DISEN ENABLE ENABLE:DISEN	PIL
W030302	ENABLE INDICATOR	DISEN ENABLE ENABLE:DISEN	PIL
W0304	THUMBWHEEL SWITCH ASSEMBLY		PIL
W0305	LAMP TEST SWITCH-CODED SW		PIL
W040101	FWD ST BAY OPEN LIGHT		CEN
W040102	INTMD ST BAY OPEN LIGHT		CEN
W040103	AFT BAY OPEN LIGHT		CEN
W040104	NUCLEAR INDICATOR		CEN
W040105	DELIVERY RESTRICTION LIGHT	DLVY RSTRN	CEN
W05	STORES MANAGEMENT PANEL	STORES MGMT PNL	OSO
W050101	NUCLEAR RACK CONTROL SWITCH	UNLOCK-SAFE	OSO
W050102	NUCLEAR PREARM ENABLE SWITCH	PA ENBL-SAFE	OSO
W050103	PA-SAFE SWITCH	PA SAFE CONV	OSO
W0502	SAFE-ARM SWITCH		OSO
W050201	ARM-SAFE TOGGLE SWITCH		OSO
W0503	DISPLAY CONTROL	DIS	OSO
W050301	L DIS SELECTOR PUSHBUTTON		OSO
W050302	R DIS SELECTOR PUSHBUTTON		OSO
W050303	MFD DIS SELECTOR PUSHBUTTON		OSO
W050304	KYBD DIS SELECTOR PUSHBUTTON		OSO
W05040X	DATA CONTROL SWITCHES	DATA	OSO
W050401	SMY DATA CONTROL SWITCH	DATA	OSO
W050402	PRGM DATA CONTROL SWITCH	DATA	OSO
W050403	FAULT DATA CONTROL SWITCH	DATA	OSO
W050404	STAT DATA CONTROL SWITCH	DATA	OSO
W050405	INV DATA CONTROL SWITCH	DATA	OSO
W0505	PROGRAM RESET CONTROL	RESET	OSO
W0506	FORWARD/REVERSE SWITCH	FWD-REV	OSO
W0507	LOCATION SELECT	LOCATION	OSO
W050801	PROGRAM ENABLE SWITCH	PRGM ENBL	OSO
W050802	PROGRAM DISABLE SWITCH	PRGM DSEL	OSO
W0509	STATION NUMERIC KEYBOARD	STA	OSO
W0510	BAY DOOR CONTROL	DOORS	OSO
W051001	FWD BAY DOOR CONTROL		OSO
W051002	INTMD BAY DOOR CONTROL		OSO
W051003	AFT BAY DOOR CONTROL		OSO
W0511	FAULT OVERRIDE SWITCH	FAULT ORIDE	OSO
W0512	LAUNCHER ROTATE SWITCH	LCHR ROTATE	OSO
W0513	STORE POWER SWITCH	ST POWER	OSO
W0514	JETTISON SWITCHES		OSO
W051401	SEL-NORM SWITCH	JETTISON-SEL-NORM	OSO

LPYL-DSBL SLU SWITCH
LT APU-ENG 1&2 BUTTON RESET SW
LT MAIN AGENT DISCHARGE LIGHT
LT RES AGENT DISCHARGE LIGHT
LUBBER LINE-PILOT
LUBBER LINE-COPILOT
LUBBER LINE
MACH NUMBER SCALE-PILOT
MACH FAIL-POWER OFF FLAG
MACH INDICATOR INDEX LINE
MACH CMD SLEW SWITCH-COP
MACH NUMBER MOVING SCALE
MACH FAIL-PWR OFF-PILOT
MACH INDICATOR INDEX LINE-PIL
MACH (MACH HOLD) PUSHBUTTON
MACH DIAL
MACH INDICATOR INDEX LINE-COP
MACH COMMAND SLEW SWITCH
MACH FAIL-PWR OFF-CUPILOT
MACH NUMBER SCALE-CUPILOT
MACH CMD SLEW SWITCH-PIL
MAIN INST & OHD FLOOD CONTROL
MAIN FILL VALVE SWITCHES
MAIN R QTY TAPE INDICATOR
MAIN L QTY TAPE INDICATOR
MAIN AGENT DISCHARGE LIGHTS
MAIN GEAR TIRES
MAIN GEAR TIRE
MAIN LCV CONTROL SWITCH
MAN DEPLOY RCOR-BCN CONTROL
MANUAL-FREQUENCY SELECTOR
MANUV RKT CAUTION LIGHT AFTSTA
MANUV RKT CAUTION LIGHT-FLTSTA
MANUAL CHANNEL READOUT
MANUAL-FREQUENCY SELECTOR-PIL
MANUAL CHANNEL READOUT-PIL
MANUAL SET KNOBS-RAMP DISPLAYS
MANUAL SET KNOBS-THROAT DISPLA
MANUAL SET KNOB-BYPASS
MANUAL SET KNOB-#1 BYPASS
MANUAL SET KNOB-#2 BYPASS
MANUAL-FREQUENCY SELECTOR-COP
MANUAL SET KNOB-#3 BYPASS
MANUAL SET KNOB-#4 BYPASS
MANUAL CHANNEL READOUT-COP
MASTER CONTROL SELECT SWITCH

FC1070104
 FC1070201
 FC1080X06
 E06012501
 F01080206
 Q93
 EC2070102
 UC10802

 EC80504
 RC10401
 RC10501
 RC10601
 FC1020120
 FC1020220
 FC1020X20
 F01030107
 FC1030X08
 FC1030X09
 FC1030213
 FC1030X07
 FC1030108
 FC1030109
 S03010X06
 FC20203
 FC1030209
 FC1030X13
 F01030208
 FC1030207
 FC1030113
 CC10105
 UC1030X
 UC10108
 U010107
 R01050X
 Q179
 Q178
 U070407
 EC31002
 EC3010X04
 D10010101
 D100101
 EC3010X05
 EC3010104
 EC3010105
 A01011X03
 AC1020X03
 AC1030X04
 AC1030104
 AC1030204
 EC3010204
 AC1030304
 AC1030404
 EC3010205
 EC3040104

PULL-MAN KNOB
PULL-MAN KNOB
PULL-MAN KNOB
THUMBWHEELS
PULL-MAN KNOB
PULL-MAN KNOB
MANUAL
MASTER

CE

CEN

YS

CUP

COP

CUP

COP

COP

CPD

-(Report 2)

TFR MODE SWITCH-LEFT

CODE

EC2020201

SYNONYMS

LEFT MODE SEL SW
MODE-TFR
RIGHT MODE SEL SW

PANLL

CEN

TFR-TKR INDICATOR LIGHT-COP
TFR-TKR INDICATOR LIGHT-PILOT
TFR-TKR CONTROL SWITCH-PILOT
TFR-TKR CONTROL SWITCH-COPILOT
THROAT CONTROL-DISPLAY 4
THROTTLE LEVER 3
THROTTLE LEVER 2
THROAT CONTROL-DISPLAY 3
THROTTLE LEVER 1
THROTTLE LEVERS
THROAT CONTROL-DISPLAY
THROAT CONTROL-DISPLAY 1
THROTTLE LEVER 4
THROAT CONTROL-DISPLAY 2
THUMBWHEELS
THUMBWHEEL SWITCH ASSEMBLY
TILT CONTROL

EC30902011002
EC30901011002
EC30901011001
EC30902011001
AO10204
Q174
Q173
AC10203
Q172
Q141
AC1020X
AG10201
Q171
AC10202
UC702
UC304
EC20205

THROAT DISPLAY
JC30103
JC30102
THROAT DISPLAY
JC30101
JC3010X
THROAT DISPLAY
THROAT DISPLAY
JC30204
THROAT DISPLAY

RCN
LCN
LCN
RCN
COP

COP

COP
COP

COP

PIL
CEN

TIME READOUT

EC4010204

TILT
TILT SEL SW
SELECTED POINT-TIME
T-SEL PT

CSC

TIME TO GO-RANGE DISPLAY

FC1010X1018

RANGE
TIME TO GO

PCP

TIME TO GO-RANGE DISPLAY-PILOT

FC101011018

RANGE
TIME TO GO

PCP

TIME TO GO-RANGE DISPLAY-COP

FC101021018

RANGE
TIME TO GO

PCP

TIMEOUT LIGHT

FC404010204

TIMEOUT
HR-MIN-SEC

PIL

TIME-TO-GO READOUT

UC102

TK 1 THUMBWHEEL
TK 2 LCV CONTROL SWITCH
TK 2 THUMBWHEEL
TK 3 LCV CONTROL SWITCH
TK 3 THUMBWHEEL
TK 4 THUMBWHEEL
TK 4 LCV CONTROL SWITCH
TK1 MOVING POINTER
TK2 MOVING POINTER
TK3 MOVING POINTER
TK4 MOVING POINTER
TO-FROM ARROWS
TO-FROM ARROWS-COPILOT
TO-FROM ARROWS-PILOT
TOE BRAKES
TOILET LIGHT
TONE CONTROL-PILOT

UC70501
UC70403
UC70503
UC70404
UC70504
UC70502
UC70402
UC7050102
UC7050302
UC7050402
UC7050202
FC1020X21
FC1020221
FC1020121
Q25
CC109
EC3010107

TOE BRAKES

TONE
TONE PUSHBUTTON
TONE
TONE PUSHBUTTON
TONE
TONE PUSHBUTTON
TOTAL TEMP
TOTAL FUEL QTY

PCP
PCP
PCP

TONE CONTROL

EC3010X07

TONE CONTROL-COPILOT

EC3010207

TOTAL TEMPERATURE INDICATOR
TOTAL FUEL QUANTITY INDICATOR

FC206
UC3

CEN
CEN